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STIC Database Tracking Number: 110208

TO: Anh Ly Location: . Art Unit : 2172 Friday, December 12, 2003 **Case Serial Number:** 09345448	**From:** Terese Esterheld Location: EIC 2100 PK2-4B30 Phone: 308-7795 Terese.esterheld@uspto.gov

Search Notes

Dear Examiner Ly,

Attached, please find the results of your search request for application 09345448. The citations with bad dates or information that does not meet your request has been deleted from the set

Look over the set as there appears to be many records that could be of value to you.

Please let me if you need additional information on this search.

Thank you for coming to EIC 2100.

Terese Esterheld

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Set      Items    Description
S1        218     AU=(CONMY, D? OR CONMY D? OR STRAIT, G? OR STRAIT G? OR KA-
                  TZ, D? OR KATZ D? OR SHAVER, R? OR SHAVER R?)
S2         22     S1 AND IC=G06F?
S3          0     S1 AND SUBSCRIBE?()UPDATES
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
         (c) 2003 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2003/Nov W05
         (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20031203,UT=20031127
         (c) 2003 WIPO/Univentio
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379
         (c) 2003  Thomson Derwent
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2/5/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00509158
APPARATUS AND METHOD FOR REFORMATTABLE SPREADSHEET.
GERAT UND VERFAHREN FUR EINEN WIEDERFORMATIERBAREN TABULATOR.
TABLEUR POUVANT ETRE REFORMATE.
PATENT ASSIGNEE:
  LOTUS DEVELOPMENT CORPORATION, (1187500), 55 Cambridge Parkway,
    Cambridge, Massachusetts 02142, (US), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
  SALAS, R., Pito, 12 Intervale Road, Arlington, MA 02174, (US)
  EDELSON, Glenn, D., 71 Appleton Street, Apt. 2, Boston, MA 02116, (US)
  KLEPPNER, Paul, S., 1578 Cambridge Street, Cambridge, MA 02138, (US)
   SHAVER, Robert, S. , 1 Arden Road, Watertown, MA 02172, (US
LEGAL REPRESENTATIVE:
  Driver, Virginia Rozanne (58902), Page White & Farrer 54 Doughty Street,
    London WC1N 2LS, (GB)
PATENT (CC, No, Kind, Date): EP 548240 A1 930630 (Basic)
                              WO 9204678 920319
APPLICATION (CC, No, Date):   EP 91917206 910905; WO 91US6461 910905
PRIORITY (CC, No, Date): US 580320 900910
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: **G06F-015/20**
CITED PATENTS (WO A): EP 294187 A; EP 325081 A; EP 410452 A
CITED REFERENCES (WO A):
  COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 31, no.
    12, December 1988, NEW YORK, NY, US pages 1424 - 1437; T. RISCH, R.
    REBOH, P. HART, AND R. DUDA: 'A functional approach to integrating
    database and expert systems' see page 1434, column 1, line 44 - column
    2, line 20; figure 6
  IEEE SOFTWARE.   vol. 7, no. 3, May 1990,
    LOS ALAMITOS, CA, US pages 78 - 89; W. DU AND W.W. WADGE: 'A 3D
    spreadsheet based on intensional logic' see the whole document;
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application: 930630 A1 Published application (A1with Search Report
                             ;A2without Search Report)
  Examination: 930630 A1 Date of filing of request for examination:
                             930305
  Examination: 940216 A1 Date of despatch of first examination report:
                             931230
  Withdrawal: 950927 A1 Date on which the European patent application
                             was deemed to be withdrawn: 950401
LANGUAGE (Publication,Procedural,Application): English; English; English

2/5/6   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00207477   **Image available**
APPARATUS AND METHOD FOR REFORMATTABLE SPREADSHEET
TABLEUR POUVANT ETRE REFORMATE
Patent Applicant/Assignee:
  LOTUS DEVELOPMENT CORPORATION,
Inventor(s):
  SALAS R Pito,
  EDELSON Glenn D,
  KLEPPNER Paul S,
  SHAVER Robert S
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9204678 A1 19920319
  Application: WO 91US6461 19910905 (PCT/WO US9106461)
  Priority Application: US 90320 19900910
Designated States: AT BE CH DE DK ES FR GB GR IT JP LU NL SE
Main International Patent Class: **G06F-015/20**
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 11787

English Abstract
  Spreadsheet apparatus enables reformatting and renaming of items forming
  the spreadsheet. A series of items forms a dimension along an axis of the
  spreadsheet. A label icon or labelling entity is user nameable to
  describe the series of items of an axis. Repositioning of the label icons
  repositions respective series of items and thus redefines/rearranges the
  axes of the spreadsheet. Sub-axes to an axis are similarly formed by
  series of items associated with a respective label icon. Order of label
  icons in predefined areas of a working screen view determine hierarchy of
  main axis and sub-axes for the label icons. There is a different
  predefined area for the possible vertical axes, possible horizontal axes,
  and the possible orthogonal axes of the spreadsheet. A cell module holds
  spreadsheet data in a matrix of memory cells. A symbol table translates
  between current specified names of items in the spreadsheet and indexes
  to cells of the cell module. Thus, a user is able to rearrange and/or
  relabel icons in the spreadsheet screen view to reformat the spreadsheet,
  and the supporting computer members provide display of the spreadsheet
  rearranged according to position of the icons without losing data of the
  items as held in respective intersections of the spreadsheet.

French Abstract
  Tableur permettant de reformater et de changer le nom des elements le
  composant. Une serie d'elements constitue une dimension le long d'un axe
  du tableur. Une icone d'etiquette ou une entite d'etiquetage peut etre
  nommee par l'utilisateur pour decrire une serie d'elements le long d'un
  axe. Le repositionnement des icones d'etiquette repositionne des series
  respectives d'elements et redefinit/reagence ainsi les axes du tableur.
  Des sous-axes d'un axe sont de la meme maniere formes par des series
  d'elements associes a une icone d'etiquette respectif. L'ordre des icones
  dans des regions predefinies d'une image d'un ecran de travail determine
  la hierarchie des axes principaux et des sous-axes pour les icones
  d'etiquette. Il y a differentes regions predefinies pour les axes
  verticaux possibles, les axes horizontaux possibles et les axes
  orthogonaux possibles du tableur. Un module de cellules maintient les
  donnees du tableur dans une matrice de cellules de memoire. Une table
  d'etiquettes traduit les noms d'elements specifies actuels du tableur et
  les index des cellules du module de cellules. Ainsi, un utilisateur peut
  reagencer et/ou reetiqueter des icones dans l'image d'ecran du tableur
  pour reformater celui-ci, et les modules de gestion d'ecran de
  l'ordinateur assurent un affichage du tableau reagence selon la position
  des icones sans perdre des donnees concernant les elements contenus dans

' des intersections respectives du tableur.

2/5/7   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015739695   **Image available**
WPI Acc No: 2003-801896/200375
XRPX Acc No: N03-642606
   Intellectual capital management method for company, involves searching
   intellectual capital database entries from computer for matching entries
Patent Assignee: KATZ D (KATZ-I); MCCLOY R (MCCL-I)
Inventor: **KATZ D** ; MCCLOY R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030158745	A1	20030821	US 2001316299	P	20010904	200375	B
			US 2002233596	A	20020904		

Priority Applications (No Type Date): US 2001316299 P 20010904; US
   2002233596 A 20020904
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030158745	A1		31	G06F-017/60	Provisional application US 2001316299

Abstract (Basic): US 20030158745 A1
     NOVELTY - The intellectual capital database entries are searched
   from computer for matching entries. The matching entries at or below
   the access level are transmitted to user interface of computer, for
   display.
     DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
   computer system.
     USE - For documenting, tracking and facilitating the development of
   intellectual capital for licensing or purchase operations in company.
     ADVANTAGE - Allows the company to maintain a dynamic network
   database of intellectual capital. Provides individuals and companies
   with a way to keep other employees informed about the company's
   intellectual capital and provides individuals with access to
   intellectual capital. Provides individuals and companies with a way to
   efficiently and effectively develop and market intellectual capital.
     DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram of an
   organizational chart of an innovation page of the system.
     pp; 31 DwgNo 6/23
Title Terms: INTELLIGENCE; CAPITAL; MANAGEMENT; METHOD; COMPANY; SEARCH;
   INTELLIGENCE; CAPITAL; DATABASE; ENTER; COMPUTER; MATCH; ENTER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

014012209   **Image available**
WPI Acc No: 2001-496423/200154
Related WPI Acc No: 2000-655127; 2001-496422
XRPX Acc No: N01-367890
  Electronic calendar with group scheduling
Patent Assignee: CONMY D W (CONM-I)
Inventor: **CONMY D W**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010014867	A1	20010816	US 9750155	A	19970619	200154	B
			US 98100223	A	19980619		

Priority Applications (No Type Date): US 9750155 P 19970619; US 98100223 A
  19980619
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010014867	A1		18	G06F-017/60	Provisional application US 9750155

Abstract (Basic): US 20010014867 A1
     NOVELTY - A network based electronic calendaring system for a
  plurality of users consists of one or more databases which store a
  profile for each potential invitee of the system. The invitee profile
  consists of a user profile that contains information regarding
  available and unavailable times for that user. Connected to the
  databases over the network are one or more client systems operating a
  calendaring system.
     DETAILED DESCRIPTION - The calendaring system enables a user to
  request allocation of a time interval (100) for one or more of the
  invitees. The calendaring system gathers the profiles for each of the
  requested invitees (102, 104) and determines whether each of the
  invitees is available during the requested time interval (106). An
  INDEPENDENT CLAIM is included for a computer readable medium.
     USE - Electronic calendar with group scheduling and storage of user
  profiles.
     ADVANTAGE - The calendar system organizes available meeting rooms
  as well as invitees. The calendaring system permits the user to view
  results in a manner selected from the group of displaying those
  invitees that are available, displaying those invitees that are not
  available and displaying those invitees whose schedule could not be
  found.
     DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of the
  calendar scheduling system.
     Schedule request (100)
     user profile information (102,104)
     determine if user is available. (106)
     pp; 18 DwgNo 3/9
Title Terms: ELECTRONIC; CALENDAR; GROUP; SCHEDULE
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

014012208   **Image available**
WPI Acc No: 2001-496422/200154
Related WPI Acc No: 2000-637028; 2000-655127; 2001-496423
XRPX Acc No: N01-367889
  **Electronic calendar with group scheduling and storage of user profiles
  using database of invitees profiles to calculate available time slots**

Patent Assignee: BANKS-BINICI J (BANK-I); BECKHARDT S R (BECK-I); CONMY D W
(CONM-I); SLAPIKOFF R (SLAP-I)
Inventor: BANKS-BINICI J; BECKHARDT S R; **CONMY D W** ; SLAPIKOFF R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010014866	A1	20010816	US 9750155	A	19970619	200154	B
			US 98100133	A	19980619		

Priority Applications (No Type Date): US 9750155 P 19970619; US 98100133 A
19980619
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010014866	A1		18	G06F-017/60	Provisional application US 9750155

Abstract (Basic): US 20010014866 A1
    NOVELTY - The system consists of a database associated with one or
more servers to store a profile for each potential invitee of the
system. Each invitee profile consists of user profiles that have
information regarding available and unavailable times for that user and
the electronic mail address for the user and resource profiles (300)
having information about the available times for a particular resource
such as a room or equipment.
    DETAILED DESCRIPTION - A request generator connected over a network
to the servers generates a request for allocation of a time interval
for one or more of the plurality of invitees. The system then provides
a busy time determination device (304) that gathers the profiles for
the invitees that were requested by the request generating means and
that are available in the databases and determines whether those
invitees are available during the time interval requested by the
request generating means. For all available invitees, the electronic
mail address in the profile is used to send each available requested
invitee an invitation to attend at the requested time interval. An
INDEPENDENT CLAIM is included for a computer readable medium.
    USE - Electronic calendar with group scheduling and storage of user
profiles.
    ADVANTAGE - The calendar system organizes available meeting rooms
as well as invitees.
    DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of
the scheduling system.
    Profile storage (300)
    Busy time determiner (304)
    pp; 18 DwgNo 2/9
Title Terms: ELECTRONIC; CALENDAR; GROUP; SCHEDULE; STORAGE; USER; PROFILE;
  DATABASE; PROFILE; CALCULATE; AVAILABLE; TIME; SLOT
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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013725878   **Image available**
WPI Acc No: 2001-210108/200121
XRPX Acc No: N01-150040
**Method for providing computer system uncorrectable error (UE) recovery
connects each CPU to a store logic and fetch logic used to detect and
correct data errors and to write resulting data into associated cache**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: MAK P; MEANEY P J; SHEN W W; **STRAIT G E**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6163857	A	20001219	US 9870389	A	19980430	200121	B

Priority Applications (No Type Date): US 9870389 A 19980430
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6163857	A		8	G06F-011/00	

Abstract (Basic): US 6163857 A
    NOVELTY - Method connects each CPU to store and fetch (108) logics
used to detect and correct data errors, and to write resulting data
into associated cache where logics perform error correction logic
operations to detect and correct correctable errors in cache. It keeps
computer system running in spite of detected uncorrectable errors
without causing data integrity errors to any jobs that are kept
running.
    USE - For providing computer system uncorrectable error (UE)
recovery.
    ADVANTAGE - Keeps a computer system running in spite of hardware
errors without causing data integrity errors to any jobs that are kept
running.
    DESCRIPTION OF DRAWING(S) - The drawing shows the high level data
flow.
    the cache fetch logic (108)
    pp; 8 DwgNo 1/5
Title Terms: METHOD; COMPUTER; SYSTEM; ERROR; RECOVER; CONNECT; CPU;
  STORAGE; LOGIC; FETCH; LOGIC; DETECT; CORRECT; DATA; ERROR; WRITING;
  RESULT; DATA; ASSOCIATE; CACHE
Derwent Class: T01; U21
International Patent Class (Main): **G06F-011/00**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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013717323   **Image available**
WPI Acc No: 2001-201547/200120
Related WPI Acc No: 2000-430297
XRPX Acc No: N01-143649
**Computer system with storage controller, detects potential deadlock
situations among competing requesters for processing requests and
maintains request in interrupt state until specific condition is
satisfied**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BLAKE M A; FEE M; JONES C C; MAK P; **STRAIT G E**
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6151655	A	20001121	US 9870432	A	19980430	200120	B
KR 326986	B	20020304	KR 998680	A	19990315	200260	

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6151655	A		15	G06F-012/00	
KR 326986	B			G06F-015/16	Previous Publ. patent KR 99082745

Abstract (Basic): US 6151655 A
    NOVELTY - A deadlock resolution logic detects potential deadlock
situations among competing requesters for processing requests and
maintains request in interrupt state until specific condition is
satisfied. A global hang pulse logic (141) detects hangs in the storage
controller mechanism and generates short hang pulses.
    DETAILED DESCRIPTION - The system includes requesters including
processing elements processing with pipeline passes, and making
requests for fetching and storing and for memory attached via bus. A
deadlock resolution logic maintains request in interrupt state until a
specific condition is satisfied. A global hang pulse logic (141)
detects hangs in storage controller mechanism and generates short hang
pulses. An internal hang detection logic (140) generates an internal
hang detect pulse, when number of short hang pulses are detected
indicating potential deadlock condition. As a result, an internal hang
detect output signal is set and a control logic ignores detected hangs
in pipeline passes.
    USE - Computer system with storage controller.
    ADVANTAGE - Allows detection of potential deadlock situations among
all types of requesters, and hence avoids deadlock between request
types competing for access to same resources in multiprocessor system.
    DESCRIPTION OF DRAWING(S) - The figure shows the diagram of address
flow for single storage controller in multiprocessor system.
    Internal hang detection logic (140)
    Global hang pulse logic (141)
    pp; 15 DwgNo 2/6
Title Terms: COMPUTER; SYSTEM; STORAGE; CONTROL; DETECT; POTENTIAL;
  DEADLOCK; SITUATE; COMPETE; PROCESS; REQUEST; MAINTAIN; REQUEST;
  INTERRUPT; STATE; SPECIFIC; CONDITION; SATISFY
Derwent Class: T01
International Patent Class (Main): **G06F-012/00 ; G06F-015/16**
File Segment: EPI

2/5/17   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013483184   **Image available**
WPI Acc No: 2000-655127/200063
Related WPI Acc No: 2000-585932; 2000-637028; 2001-326720; 2001-380089;
  2001-482084; 2001-496422; 2001-496423; 2001-638163; 2001-662301;
  2002-033241; 2002-081681; 2002-556193; 2002-705271
XRPX Acc No: N00-485544
  **Time interval scheduling system for network based electronic calendars,
  has best fit determining unit to determine next best time interval when
  invitees are not available at requested time, using weighting function**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BANKS-BINICI J; **CONMY D W**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6101480	A	20000808	US 9750155	A	19970619	200063	B
			US 98100134	A	19980619		

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6101480	A		18	G06F-017/60	Provisional application US 9750155

Abstract (Basic): US 6101480 A
        NOVELTY - A busy time determination unit gathers profiles for
    requested invitees available in databases and determines whether those
    invitees are available during the time interval requested by the
    request generating unit. A best fit determining unit determines next
    best time interval when all the invitees are not available at requested
    time, using weighting function.
        DETAILED DESCRIPTION - A database stores profile for each potential
    invitee of the system. The invitee profiles consists of user profiles
    each of which includes information regarding availability time of user.
    A request generating unit connected to server over a network, generates
    request for time interval allocation for invitees. Weight is assigned
    to each invitee for several potential reasons for unavailability of the
    invitee. The unavailability value is computed for each time interval
    within preset range of requested time interval. The time interval
    having lowest unavailability value is chosen as the next best time
    interval. INDEPENDENT CLAIMS are also included for the following:
        (a) scheduling time intervals processing method;
        (b) for program product
        USE - For network based electronic calenders, schedulers and
    tasking systems for groups of user.
        ADVANTAGE - Since electronic calender with group scheduling
    operates an client/server environment the available time is
    automatically found for meeting based on invitee availability. Since
    the electronic calender automatically determines best fit' time for
    proposed meeting when all invitees are not available at same time,
    effective scheduling is achieved.
        DESCRIPTION OF DRAWING(S) - The figure shows the flow chart of the
    steps involved in time interval scheduling method.
        pp; 18 DwgNo 4/9
Title Terms: TIME; INTERVAL; SCHEDULE; SYSTEM; NETWORK; BASED; ELECTRONIC;
  CALENDAR; FIT; DETERMINE; UNIT; DETERMINE; TIME; INTERVAL; AVAILABLE;
  REQUEST; TIME; WEIGHT; FUNCTION
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

 2/5/18   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013258414   **Image available**
WPI Acc No: 2000-430297/200037
Related WPI Acc No: 2001-201547
XRPX Acc No: N00-321040
  **Deadlock resolution method in symmetric multiprocessor system, involves
  ignoring detected potential hangs in pipeline passes based on internal
  hang detect pulse**
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: BLAKE M A; FEE M; JONES C C; MAK P; **STRAIT G E**
Number of Countries: 003 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6073182	A	20000606	US 9870664	A	19980430	200037	B
JP 11328141	A	19991130	JP 99110569	A	19990419	200055	
KR 99082745	A	19991125	KR 998680	A	19990315	200055	
KR 326986	B	20020304	KR 998680	A	19990315	200260	

Priority Applications (No Type Date): US 9870664 A 19980430; US 9870432 A
  19980430
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6073182	A		15	G06F-015/16	
JP 11328141	A		19	G06F-015/177	
KR 99082745	A			G06F-015/16	

Abstract (Basic): US 6073182 A
       NOVELTY - A global hang pulse logic detects potential hangs in
   storage controller by detecting time at which processing of request in
   storage controller is valid. An internal hang detection logic generates
   a pulse when number of short hang pulses are detected to provide an
   indication that there is a potential deadlock condition. A control
   logic ignores detected hangs in pipeline passes based on this pulse.
       USE - For deadlock resolution in symmetric multiprocessor system
   e.g. computer system.
       ADVANTAGE - Prevents deadlocks between several requesters competing
   for access to same resources in multiprocessor system by disabling
   deadlock resolution function for specific categories of requests.
       DESCRIPTION OF DRAWING(S) - The figure shows the system overview of
   multiprocessor system.
       pp; 15 DwgNo 1/6
Title Terms: DEADLOCK; RESOLUTION; METHOD; SYMMETRICAL; MULTIPROCESSOR;
  SYSTEM; IGNORING; DETECT; POTENTIAL; HANG; PIPE; PASS; BASED; INTERNAL;
  HANG; DETECT; PULSE
Derwent Class: T01
International Patent Class (Main): **G06F-015/16 ; G06F-015/177**
International Patent Class (Additional): **G06F-015/173**
File Segment: EPI

004339511
WPI Acc No: 1985-166389/198528
XRPX Acc No: N85-125271
   **Code error correcting method - by converting each syndrome decode to hash
   words which address look up tables whose outputs are combined to form
   error pointer**
Patent Assignee: IBM CORP (IBMC)
Inventor: COCKE J; COPPERSMIT D; SEIGLER A E; **STRAIT G E**
Number of Countries: 004 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 147623	A	19850710	EP 84114115	A	19841123	198528	B
US 4564944	A	19860114	US 83567212	A	19831230	198605	

Priority Applications (No Type Date): US 83567212 A 19831230
Cited Patents: 2.Jnl.Ref; A3...8733; EP 12828; JP 57182253; JP 58220216;
   No-SR.Pub; US 4107652; US 4215402; US 4397022
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 147623	A	E	39		

   Designated States (Regional): DE FR GB

Abstract (Basic): EP 147623 A
      Each error syndrome of an error correction code is hashed by a
   number of functions. The hash outputs are used to address a number of
   look-up tables. The table outputs are logically combined to generate an
   error pointer.
      Each error syndrome is preferably converted simultaneously by three
   hashing functions into three different hash outputs for addressing
   three look-up tables. The three table outputs are combined bitwise by
   an EXCLUSIVE-OR operation.
      USE/ADVANTAGE - For error detection and correction during
   transmission or storage of data. Method requires small amount of
   storage and has fast operation. There is complete freedom in the design
   of error pointer formats, i.e. error location code and error
   identification can be fully adapted to system design. Multiple errors
   in subgroups (e.g. storage cards), can be easily accommodated and
   handled. Applicable to all kinds of error correcting codes which allow
   operation of syndromes.
      1/6
Title Terms: CODE; ERROR; CORRECT; METHOD; CONVERT; SYNDROME; DECODE; HASH;
   WORD; ADDRESS; UP; TABLE; OUTPUT; COMBINATION; FORM; ERROR; POINT
Derwent Class: T01; U21; W01
International Patent Class (Additional): **G06F-011/10** ; H03M-013/00
File Segment: EPI

```
Set      Items    Description
S1        3647    AU=(CONMY, D? OR CONMY D? OR STRAIT, G? OR STRAIT G? OR KA-
                    TZ, D? OR KATZ D? OR SHAVER, R? OR SHAVER R?)
S2           0    S1 AND INFORMATION()SOURCE?
S3           9    S1 AND UPDATE?
S4           2    S1 AND SUBSCRIB?
File     2:INSPEC 1969-2003/Nov W5
            (c) 2003 Institution of Electrical Engineers
File     6:NTIS 1964-2003/Dec W1
            (c) 2003 NTIS, Intl Cpyrght All Rights Res
File     8:Ei Compendex(R) 1970-2003/Nov W5
            (c) 2003 Elsevier Eng.  Info. Inc.
File    34:SciSearch(R) Cited Ref Sci 1990-2003/Dec W1
            (c) 2003 Inst for Sci Info
File    35:Dissertation Abs Online 1861-2003/Oct
            (c) 2003 ProQuest Info&Learning
File    65:Inside Conferences 1993-2003/Dec W1
            (c) 2003 BLDSC all rts. reserv.
File    92:IHS Intl.Stds.& Specs. 1999/Nov
            (c) 1999 Information Handling Services
File    94:JICST-EPlus 1985-2003/Dec W1
            (c)2003 Japan Science and Tech Corp(JST)
File    95:TEME-Technology & Management 1989-2003/Nov W4
            (c) 2003 FIZ TECHNIK
File    99:Wilson Appl. Sci & Tech Abs 1983-2003/Oct
            (c) 2003 The HW Wilson Co.
File   103:Energy SciTec 1974-2003/Nov B2
            (c) 2003 Contains copyrighted material
File   144:Pascal 1973-2003/Nov W5
            (c) 2003 INIST/CNRS
File   202:Info. Sci. & Tech. Abs. 1966-2003/Nov 17
            (c) 2003 EBSCO Publishing
File   233:Internet & Personal Comp. Abs. 1981-2003/Jul
            (c) 2003, EBSCO Pub.
File   239:Mathsci 1940-2003/Jan
            (c) 2003 American Mathematical Society
File   275:Gale Group Computer DB(TM) 1983-2003/Dec 11
            (c) 2003 The Gale Group
File   434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
            (c) 1998 Inst for Sci Info
File   647:CMP  Computer Fulltext 1988-2003/Dec W1
            (c) 2003 CMP Media, LLC
File   674:Computer News Fulltext 1989-2003/Dec W1
            (c) 2003 IDG Communications
File   696:DIALOG Telecom. Newsletters 1995-2003/Dec 11
            (c) 2003 The Dialog Corp.
```

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Set     Items     Description
S1    3060057    SELECT OR ELECTING? OR CHOOSE OR PICK? OR ELECTS OR ELECT -
                  OR DECID? OR DESIGNAT? OR STIPULAT? OR DETERMIN? OR SPECIF?
S2    4043669    FORMULA OR LOGIC OR EXPRESSION? OR SCHEME? OR TECHNIQUE? OR
                  SYSTEM? ? OR ALGORITHM? OR RULE? OR SQL()(STATEMENT? OR FORM-
                  ULA?)
S3    1603940    PROGRAMMED OR PROGRAMMING OR PROGRAMMING OR PROGRAMS OR IN-
                  STRUCTION? OR DEFINING OR INPUT OR "IN"()PUT
S4     596271    USER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR -
                  CUSTOMER? OR BROWSER? OR SUBSCRIBER? OR CLIENT? OR PATRON?
S5     142758    SEARCH? OR QUER? OR SEEK? OR PURSU? OR MATCH? OF FIND? OR -
                  LOOK?
S6    1091390    CRITERIA OR STANDARD? OR RULE? OR TEST? OR MARK? ? OR GAUGE
                  OR BENCHMARK?
S7      88068    (IDENTIF? OR RECOGNIZ? OR DISTINGUISH?)(5N)(DATA OR INFORM-
                  ATION)
S8    1448225    PRESENT? OR DISPLAY? OR DISCLOS? OR DIVULG?
S9    3408011    INTERVAL? OR TIME OR FREQUENC? OR DURATION?
S10     37957    INTERVENTION? OR INTERFERING OR INTRUDING OR (FURTHER OR A-
                  DDITIONAL)()(ACTION OR INPUT)
S11     97942    S1 (3N) S2
S12       756    S11 AND (S3 (3N) S4)
S13       302    S11 AND (S4 (3N) S6)
S14      1306    S7 (5N) S5
S15      1750    S7 AND S8 AND S4 AND S9
S16        78    S4 AND "NO"()S10
S17         0    S13 AND S14 AND S15
S18         0    S13 AND S14
S19         0    S13 AND S15
S20         0    S13 AND S16
S21        38    S14 AND S15
S22         0    S14 AND S16
S23        34    S12 AND S13
S24        40    S11 AND S14
S25        42    S11 AND S15
S26         1    S11 AND S16
S27        24    S16 AND S9
S28         2    S23 AND S9
S29        14    S24 AND S9
S30        42    S25 AND S9
S31        23    S4 (3N) (("NO" OR NON)()S10)
S32       194    S21:S31
S33       112    S32 AND IC=G06F?
S34        63    S33 AND IC=(G06F-007? OR G06F-017?)
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)
         (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379
         (c) 2003  Thomson Derwent
```

ABSTRACT

PURPOSE: To provide a data analysis method capable of classifying plural
rules generated by the **instruction** of a **user** from the data of a data
base into the highly common rule groups of suitable data.
CONSTITUTION: The rules for extracting the appearing area of a record
provided with a predetermined feature from the records of the data base are
generated and displayed for number given by the **instruction** of a **user**
together with the adaptation of the rules in a rule form composed of a
condition part provided with more than one record items and a conclusion
part provided with one record item based on the **instruction** of the **user**
(11). The degree of the similarity of the **rule** between the **specified**
rule   **specified** by the **user** and the other **rules** is obtained (20),
the **specified**   **rule** and the other rule provided with the degree of the
similarity of the rule higher than the lowest degree of the similarity are
displayed in a pair and registered based on the **instruction** of the **user**
(30). Further, the **rule** is selected from the registered rules or a new
rule is generated, the degree of the similarity between the respective
pairs of the rules in the rules is obtained and displayed and the inclusion
relation of a pair of the **rules**   **specified** by the **user** is obtained and
displayed (40).

013673764
WPI Acc No: 2001-157976/200116
XRPX Acc No: N01-114990
   User **interactive searching, retrieving and previewing method for
 multimedia content in retail environment, involves modifying information
 to be** searched **, when its corresponding** data **item is not** identified
Patent Assignee: MUZE INC (MUZE-N)
Inventor: ARMSTRONG J R; HUXLEY M T; ISRAEL J A; ROSOVSKY P; ZULLO P F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6134547	A	20001017	US 94273449	A	19940711	200116	B
			US 96725841	A	19960930		

Priority Applications (No Type Date): US 94273449 A 19940711; US 96725841 A
   19960930
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6134547	A		39	G06F-017/30	Cont of application US 94273449

Abstract (Basic): US 6134547 A
       NOVELTY - An input screen is **displayed** on interface, for
   inputting information to be searched, in response to **user** 's
   interaction. The information to be searched is judged whether it
   corresponds to any data items. The information is modified
   automatically, if data items corresponding to **information** , are not
   identified . (Drawings not suitable for reproduction).
       DETAILED DESCRIPTION - The data items stored in related databases,
   include text, graphic, image, video, animation and audio data. Each
   data item is stored as record **identified** by pointer. Each record has
   a field for permitting other pointer entries for relating the record to
   other **data** items **identified** by other entries. When **data** items
   corresponding to **information** to be **searched** is not **identified** ,
   the **searchable** terms are **identified** in the **information** to be
   searched . Then, Boolean AND is performed on each term and the records
   containing all these terms, are identified. If records are not
   identified by AND operation, Boolean OR operation is done to identify
   the records. The records are identified by performing seek operation in
   databases, if corresponding records are not identified by OR operation.
   If records are not identified by seek operation, windowing back of each
   term is done and seek operation is done on each windowed back terms, to
    identify corresponding record. The **data** item corresponding to the
   information to be searched, is retrieved and **displayed** on result
   screen of interface. The other **data** items **identified** by other
   pointer entries, are also **displayed** corresponding to the information
   to be searched. An INDEPENDENT CLAIM is also included for **user**
   interactive searching, retrieving and previewing system of multimedia
   content.
       USE - For **user** interactive multimedia cataloging, navigation and
   previewing of films and films on video.
       ADVANTAGE - Provides very efficient way for ensuring that all
   necessary information is entered in proper location in the database,
   within short **time** . **User** can efficiently and easily search through
   film and video database.
       pp; 39 DwgNo 0/59
Title Terms: **USER** ; INTERACT; SEARCH; RETRIEVAL; PREVIEW; METHOD; CONTENT;
   RETAIL; ENVIRONMENT; MODIFIED; INFORMATION; SEARCH; CORRESPOND; DATA;
   ITEM; IDENTIFY
Derwent Class: T01; W03; W04
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

013465363
WPI Acc No: 2000-637306/200061
Related WPI Acc No: 2000-637083
XRPX Acc No: N00-472604
**Database management control system for design and manufacture of complex
electronic modules, sets PFVL** algorithm **containing** specific
attributes, so that each data components are accessed individually
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: MUELLER J L; VAN HUBEN G A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6094654	A	20000725	US 96760913	A	19961206	200061	B
			US 98103771	A	19980624		

Priority Applications (No Type Date): US 96760913 A 19961206; US 98103771 A
  19980624
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6094654	A		401	G06F-017/30	Div ex application US 96760913

Abstract (Basic): US 6094654 A
      NOVELTY - Several control and data access records are produced
  using single logical package-file-type-version-level (PFVL) algorithm.
  The algorithm contains attribute data of
  library-variance-quantity-level-view-cell-version such that each **data**
  components are accessed, to **identify** relevant design **data .**
      DETAILED DESCRIPTION - Each design data in the access record is
  related with the logical attribute of PFVL algorithm. The system
  attributes are mapped for converting the attributes to package version
  quality level type file name iteration format. Various data are
  accessed co-operatively by both small **user** and global **user**
  networks, using the PFVL algorithm. The browsed data are indicated in
  the **display** areas and are stored as public libraries in the concerned
  system.
      USE - For design and manufacture of complex electronic modules in
  computer system.
      ADVANTAGE - Provides continuous tracking and creation of data
  models by different **users ,** due to the provision of data libraries.
  Reduces data loading **time** by preventing the unnecessary data file
  duplication, thereby improves database managing efficiency.
      pp; 401 DwgNo 0/102
Title Terms: DATABASE; MANAGEMENT; CONTROL; SYSTEM; DESIGN; MANUFACTURE;
  COMPLEX; ELECTRONIC; MODULE; SET; ALGORITHM; CONTAIN; SPECIFIC; ATTRIBUTE
  ; SO; DATA; COMPONENT; ACCESS; INDIVIDUAL
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

013240588   **Image available**
WPI Acc No: 2000-412462/200035
XRPX Acc No: N00-308281
**Internet-based stock selection system searches and selects stocks
satisfying search criteria using stored factor data according to**
specific algorithm **, and outputs selected stocks to user using GUI**
Patent Assignee: BI F (BIFF-I)
Inventor: BI F; LAM F S; SAW S D; WANG Y; XU X; YAN H; ZHOU G G
Number of Countries: 082 Number of Patents: 002
Patent Family:

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Patent No     Kind   Date      Applicat No    Kind    Date       Week
WO 200033212  A1     20000608  WO 98CN283     A       19981201   200035  B
AU 9914316    A      20000619  WO 98CN283     A       19981201   200044
                               AU 9914316     A       19981201
```

Priority Applications (No Type Date): WO 98CN283 A 19981201
Patent Details:
```
Patent No  Kind Lan Pg   Main IPC     Filing Notes
WO 200033212  A1 E  37 G06F-017/30
```
    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
    LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT UA UG US UZ VN YU ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
```
AU 9914316    A         G06F-017/30   Based on patent WO 200033212
```

Abstract (Basic): WO 200033212 A1
    NOVELTY - Several financial indicators are provided to the **user**
and search **criteria** set by the **user** for each indicator are received
through **programmed** graphic **user** interface (GUI). A selector
searches and selects the stocks satisfying the search criteria using
stored factor data, according to a **specific algorithm** . The selected
stocks are then output to user, through GUI.
    DETAILED DESCRIPTION - The stock selection system comprises at
least one computer system. A receiver is provided for receiving the raw
stock data from the external stock information sources. The received
raw stock data are stored in a database. A preprocessor processes the
stored stock data, obtain factor data which are then stored in a file
memory or object oriented database. The programmed GUIs for input and
output purposes, are provided for the users through the Internet by
browser technology. The financial indicators provided for the user,
includes factors of company data, valuation ratio, profitability ratio,
growth rates, dividends, financial strength, market price and trading
volume. An INDEPENDENT CLAIM is also included for computerized stock
selection method using Internet.
    USE - For stock selection using Internet.
    ADVANTAGE - The stock selection system allows users to limit the
domain of search to the subset of all securities with specifications on
stock exchange and industry groups, reliably.
    DESCRIPTION OF DRAWING(S) - The figure shows architecture diagram
of stock selection system.
    pp; 37 DwgNo 2/9
Title Terms: BASED; STOCK; SELECT; SYSTEM; SEARCH; SELECT; STOCK; SATISFY;
  SEARCH; CRITERIA; STORAGE; FACTOR; DATA; ACCORD; SPECIFIC; ALGORITHM;
  OUTPUT; SELECT; STOCK; USER
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
International Patent Class (Additional): **G06F-017/60**
File Segment: EPI

 34/5/48   **(Item 40 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012934526   **Image available**
WPI Acc No: 2000-106373/200009
XRPX Acc No: N00-081688
  Evaluating confidence in an outcome of fuzzy logic possibilistic system
  using fuzzy logic to reason from sparse examples or rules by
  interpolation and extrapolation for use in process control
Patent Assignee: DAAMS J M (DAAM-I); STEWART L S (STEW-I); POSTLINEAR
  MANAGEMENT INC (POST-N); STROBEL STEWART L (STEW-I); HENDRIKS P (HEND-I);
  STEWART L R (STEW-I)
Inventor: DAAMS J M; STROBEL S L; STROBEL STEWART L; HENDRIKS P; STEWART L
  R

Number of Countries: 085   Number of Patents: 007
Patent Family:
Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9967707	A1	19991229	WO 99CA588	A	19990625	200009	B
CA 2242069	A1	19991225	CA 2242069	A	19980625	200023	
AU 9943557	A	20000110	AU 9943557	A	19990625	200025	
EP 1088267	A1	20010404	EP 99926211	A	19990625	200120	
			WO 99CA588	A	19990625		
US 20020023061	A1	20020221	US 2000742335	A	20001222	200221	
EP 1088267	B1	20030409	EP 99926211	A	19990625	200325	
			WO 99CA588	A	19990625		
DE 69906734	E	20030515	DE 606734	A	19990625	200340	
			EP 99926211	A	19990625		
			WO 99CA588	A	19990625		

Priority Applications (No Type Date): CA 2242069 A 19980625
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
WO 9967707   A1 E 147 G06F-009/44
    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
    LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
    TJ TM TR TT UA UG US UZ VN YU ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
CA 2242069   A1 E   G06F-015/18
AU 9943557   A   G06F-009/44   Based on patent WO 9967707
EP 1088267   A1 E   G06F-009/44   Based on patent WO 9967707
    Designated States (Regional): CH DE FR GB LI
US 20020023061 A1   G06G-007/00
EP 1088267   B1 E   G06F-009/44   Based on patent WO 9967707
    Designated States (Regional): CH DE FR GB LI
DE 69906734   E   G06F-009/44   Based on patent EP 1088267
                                        Based on patent WO 9967707

Abstract (Basic): WO 9967707 A1
        NOVELTY - An envelope of possibility that encompasses each of the
    possible outcomes resulting from the selected inputs may be
    established. A credibility of an envelope of belief within the envelope
    of possibility is established according to each of the selected inputs.
    The envelope of belief and the envelope of possibility are compared for
    determining confidence in an indicated outcome based on difference
    between the envelopes.
        DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a
    possibility expert system using a fuzzy **logic** **rule** to **determine**
    an outcome from a set of inputs.
        USE - In using fuzzy logic to reason from sparse examples or rules
    by interpolation and extrapolation for use in process control, and in
    possibilistic expert systems, which assess evidence based on
    materiality and probability to confirm or disconfirm an assertion.
        ADVANTAGE - Provides a solution to the problem in fuzzy logic
    systems in which **user** **rule** **input** does not match a rule exactly
    for bridging the gap between non-matching rules and rule inputs by
    creating envelopes of possibility for an output. The latter may have
    different shapes and rates of spreading, which may be a function of
    distance between the **user** **input** and the **rule** input
        DESCRIPTION OF DRAWING(S) - The drawing shows envelopes of
    possibility.
        pp; 147 DwgNo 23/85
Title Terms: EVALUATE; CONFIDE; FUZZ; LOGIC; SYSTEM; FUZZ; LOGIC; REASON;
   EXAMPLE; RULE; INTERPOLATION; EXTRAPOLATE; PROCESS; CONTROL
Derwent Class: T01
International Patent Class (Main): **G06F-009/44 ; G06F-015/18 ;**
   G06G-007/00
International Patent Class (Additional): **G06F-007/00**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

012804662   **Image available**
WPI Acc No: 1999-610892/199952
Related WPI Acc No: 2001-607686
XRPX Acc No: N99-450141
 Query result display **method for database searching in computer**
Patent Assignee: DRAGON SYSTEMS INC (DRAG-N)
Inventor: TRUE S D; YOUNG J H
Number of Countries: 020   Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9950764	A1	19991007	WO 99US6989	A	19990331	199952	B
US 6112172	A	20000829	US 9852900	A	19980331	200043	
EP 1066575	A1	20010110	EP 99915142	A	19990331	200103	
			WO 99US6989	A	19990331		
JP 2002510090	W	20020402	WO 99US6989	A	19990331	200225	
			JP 2000541608	A	19990331		

Priority Applications (No Type Date): US 9852900 A 19980331
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
WO 9950764	A1 E 38	G06F-017/30	

   Designated States (National): JP
   Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
   MC NL PT SE
US 6112172   A   G04F-007/00
EP 1066575   A1 E   G06F-017/30   Based on patent WO 9950764
   Designated States (Regional): AT BE DE ES FR GB IT NL
JP 2002510090 W   38 G06F-017/30   Based on patent WO 9950764

Abstract (Basic): WO 9950764 A1
     NOVELTY – The **search** value of **user   identified** speech **data**
in the **searched** file is determined. A bar chart representing the
relationship between the search value and corresponding **display**
modification relative to threshold search value is indicated in the
interactive **user** interface. The file sections satisfying the
threshold value is indicated.
     DETAILED DESCRIPTION – Initially the file is searched according to
set search conditions and accordingly specific areas of interest is
recognized. The **display** is modified, by varying the threshold value
corresponding to specific locations of the bar chart.
     USE – For database searching management in computer used for
searching video and audio database used in TV broadcasting.
     ADVANTAGE – Eases grasping of overall view of data regarding **user**
's interest by providing graphical **display** . As threshold value of
data segment is also indicated, enables quick **identification** and
desired **data** . Due to visual indication of location and **frequency** of
segments, quick modification of query or threshold value is enabled.
Repeated query and other criteria modification facilitates interactive
iterative process. By providing quick visual feedback, access speed is
increased.
     DESCRIPTION OF DRAWING(S) – The figure shows the flow chart
explaining the query **display** result.
     pp; 38 DwgNo 5/10
Title Terms: QUERY; RESULT; **DISPLAY** ; METHOD; DATABASE; SEARCH; COMPUTER
Derwent Class: T01
International Patent Class (Main): G04F-007/00; **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

012753755   **Image available**
WPI Acc No: 1999-559872/199947
XRPX Acc No: N99-413468
   **Geographical information acquisition system using video, sound, graphic
   and numerical presentation in multimedia**
Patent Assignee: TECHNOLOGY INT INC (TECH-N)
Inventor: BABIN S P; BARNETT K C; HUSSEINY A A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5945985	A	19990831	US 92966830	A	19921027	199947	B
			US 95448112	A	19950522		
			US 96650838	A	19960520		

Priority Applications (No Type Date): US 96650838 A 19960520; US 92966830 A
   19921027; US 95448112 A 19950522
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5945985	A		32	G06F-017/28	Cont of application US 92966830
					CIP of application US 95448112
					CIP of patent US 5519809

Abstract (Basic): US 5945985 A
     NOVELTY - A graphical interface annunciates operating commands,
   identifying keywords and animating tools, thereby invoking associated
   protocol. Operating commands buttons specifies preset geographic
   features, identifying keyword lists, which specify corresponding
   multimedia information. An animation tool box selects manipulation
   options to manipulate and animate multimedia geographic maps.
     DETAILED DESCRIPTION - Multimedia geographic information and
   several identifying attributes are stored in memory. Operating
   instruction on **queries** regarding geographic features, multimedia
   geographic **information** and **identifying data** are interfaced with
   the users. The stored information is simultaneously presented to user
   in 3D and 2D formats using a virtual display unit. A physical display
   unit displays a geographic world map. Both the display units are made
   to operate synchronously, to display multimedia information. A
   processor invokes specific protocols and generates control signals, for
   accessing memory to retrieve information demanded by user.
     USE - For acquiring geographical information using sound, video,
   graphics and numerical presentation in multimedia.
     ADVANTAGE - Enables remote access of geographic multimedia
   information in national and international resources. Offers flexible
   geographic system for easy updating of map, as new information becomes
   available. Offers an improved **system** for highlighting **specific**
   geographic features on physical map. Enables to learn physical,
   population, economical and political geography, topography, demography,
   distribution of natural resources, etc., through computer generated
   graphical models and maps. Eases access to multimedia geographical
   information through interactivity by voice to allow the user to
   navigate geographical information.
     DESCRIPTION OF DRAWING(S) - The figure shows the schematic block
   diagram of interactive multimedia system.
     pp; 32 DwgNo 19/19
Title Terms: GEOGRAPHICAL; INFORMATION; ACQUIRE; SYSTEM; VIDEO; SOUND;
   GRAPHIC; NUMERIC; PRESENT
Derwent Class: T01
International Patent Class (Main): **G06F-017/28**
File Segment: EPI

 34/5/51   (Item 43 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012486743   **Image available**

WPI Acc No: 1999-292851/199925
Related WPI Acc No: 2001-262233
XRPX Acc No: N99-219433
   User interface processing procedure for searching graphical user
   interface (GUI) of a data processing system using enhancement display
   graphic device - involves accordingly identifying **the** information **for**
   input into search **engine in response to operation of graphical pointing**
   device
Patent Assignee: IBM CORP (IBMC   ); INT BUSINESS MACHINES CORP (IBMC   )
Inventor: KAMPER R J
Number of Countries: 004   Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 11096193	A	19990409	JP 98198398	A	19980714	199925	B
US 5982370	A	19991109	US 97896476	A	19970718	199954	
KR 99013419	A	19990225	KR 9822295	A	19980615	200017	
TW 373142	A	19991101	TW 98102203	A	19980217	200036	
KR 323969	B	20020308	KR 9822295	A	19980615	200262	

Priority Applications (No Type Date): US 97896476 A 19970718
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11096193	A		12	G06F-017/30	
US 5982370	A			G06F-003/00	
KR 99013419	A			G06T-001/00	
TW 373142	A			G06F-003/00	
KR 323969	B			G06T-001/00	Previous Publ. patent KR 99013419

Abstract (Basic): JP 11096193 A
      NOVELTY - The method involves accordingly **identifying**
   information for input into a **search** engine (38) in response to the
   operation of a graphical pointing device. The graphical pointing device
   is converted into a predetermined graphic device which inputs the text
   of a document without key stroke. DETAILED DESCRIPTION - The graphical
   pointing device controls the graphical pointer on a GUI. The document
   is displayed on the GUI. The search engine is supported in a data
   processing system which has the graphical pointing device. An
   INDEPENDENT CLAIM is included for the enhancement display device for
   searching user interface **designation** in a computer **system** .
      USE - For searching GUI of a data processing system using
   enhancement display graphic device.
      ADVANTAGE - Easy to use and offers an intelligible search
   interface. DESCRIPTION OF DRAWING(S) - The figure is a block diagram of
   a computer network showing the connection of a Web client and Web
   server in a simple internet search system. (38) Search engine.
      Dwg.3/14
Title Terms: USER; INTERFACE; PROCESS; PROCEDURE; SEARCH; GRAPHICAL; USER;
   INTERFACE; DATA; PROCESS; SYSTEM; ENHANCE; DISPLAY; GRAPHIC; DEVICE;
   ACCORD; IDENTIFY; INFORMATION; INPUT; SEARCH; ENGINE; RESPOND; OPERATE;
   GRAPHICAL; POINT; DEVICE
Derwent Class: T01
International Patent Class (Main): **G06F-003/00 ; G06F-017/30 ;**
   G06T-001/00
International Patent Class (Additional): **G06F-003/00**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

011945341   **Image available**
WPI Acc No: 1998-362251/199831
Related WPI Acc No: 2000-038324
XRPX Acc No: N98-282903
  **Non-hierarchical search and retrieval method for database - involves
  selecting** displayed **list-identifiers, and** displaying **list of search
  terms associated with selected list identifier**
Patent Assignee: COCHRAN N P (COCH-I)
Inventor: COCHRAN N P
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5768581   A   19980616 US 96643942   A   19960507 199831 B

Priority Applications (No Type Date): US 96643942 A 19960507
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5768581   A   33 G06F-017/30

Abstract (Basic): US 5768581 A
      The non-hierarchical method for retrieving information from records
  stored in a computer involves creating list- **identifiers** which
  identify a category of **information** . Lists of **search** terms are
  created which correspond to one of the list-identifiers. The
  list-identifiers are **displayed** . A list-identifier is selected. The
  list of search terms associated with the selected list identifier are
  displayed . A **user** is enabled to vacate the **display** of the list of
  search terms associated with the selected list-identifier, to select a
  different list-identifier, and to **display** the associated search
  terms. One of the search terms from the list of **displayed** search
  terms is selected.
      Records in a database are searched for which correspond to the
  selected search term. A subset of records are formed in response to the
  selected search term. A new series of lists of search terms are created
  in accordance with the subset of records. A new list-identifier is
  selected to **display** the list of search terms associated with the new
  list-identifier. One
      of the search terms is selected, and records corresponding to the
  list-identifier are searched for within the subset. A further subset of
  records is formed for the purpose of further searches or retrieval. The
  current set of records are retrieved from the database at any **time**
  following a searching of records, and are **displayed** .
      ADVANTAGE - Efficiently searches large databases. Saves computer
  resources, and makes searching more accurate and **user** -friendly.
      Dwg.2/10b
Title Terms: NON; HIERARCHY; SEARCH; RETRIEVAL; METHOD; DATABASE; SELECT;
  DISPLAY ; LIST; IDENTIFY; **DISPLAY** ; LIST; SEARCH; TERM; ASSOCIATE;
  SELECT; LIST; IDENTIFY
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

011819219   **Image available**
WPI Acc No: 1998-236129/199821
XRPX Acc No: N98-187242
  **Database search system for retrieving trademark, place names - displays
  similar name searched by similar name search unit, based on rule
  corresponding to input rule number**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10074205	A	19980317	JP 96230013	A	19960830	199821	B
JP 3019780	B2	20000313	JP 96230013	A	19960830	200017	

Priority Applications (No Type Date): JP 96230013 A 19960830
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10074205	A		12	G06F-017/30	
JP 3019780	B2		12	G06F-017/30	Previous Publ. patent JP 10074205

Abstract (Basic): JP 10074205 A
     The system includes an input unit (101) through which a rule number
is **input** by the **user** . An **input** -output controller inputs the rule
number into a similar name generation unit (104). Subsequently, the
user is required to **input** a name into the input unit. The
input-output controller feeds the name into the similar name generation
unit that consequently generates all the names that resemble the input
name based on the rule corresponding to the input rule number.
     A similar number search unit searches the similar name from a name
holder (106). The search result is displayed in a display unit (102)
through the input-output controller.
     ADVANTAGE - Enables searching trademark, place name using **rule
designated** by **user** .
     Dwg.1/12
Title Terms: DATABASE; SEARCH; SYSTEM; RETRIEVAL; PLACE; NAME; DISPLAY;
   SIMILAR; NAME; SEARCH; SIMILAR; NAME; SEARCH; UNIT; BASED; RULE;
   CORRESPOND; INPUT; RULE; NUMBER
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

 34/5/55   (Item 47 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011713272   **Image available**
WPI Acc No: 1998-130182/199812
XRPX Acc No: N98-102825
  **Computer system for constructing formulae for processing medical data -
  involves** user **selecting name of** time -indexed medical **value from**
  displayed **list**
Patent Assignee: SPACELABS MEDICAL INC (SPAC-N)
Inventor: MARLIN T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5715451	A	19980203	US 95504703	A	19950720	199812	B

Priority Applications (No Type Date): US 95504703 A 19950720
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5715451	A		17	G06F-017/30	

Abstract (Basic): US 5715451 A
     The formula is constructed in a window based environment, for
producing a textual patient information string from a selected **time**
-indexed medical data variable having a value for each of a number of
times. An input is received via the window-based **user** interface
specifying a period of **time** during which the medical data variable is
to be analyzed. The names of a number of functions capable of
aggregating a number of values into a single value are **displayed** .
Input is received that indicates that the **user** selected the name of a
selected function from the **displayed** function names. Input is then

received specifying a manner of manipulating a single value to produce a textual string conveying patient information.

Based upon all the received inputs, a **formula** is created that **specifies** identifying values of the selected **time** -indexed medical data variable having times within the specified period of **time** . The selected function is applied to the identified values of the selected **time** -indexed medical **data** variable to aggregate the **identified** values into a single value. The single value is manipulated in the specified manner to produce a textual string conveying patient information based on the values of the selected **time** -indexed medical data variable. The formula may be used to generate and **display** a textual string conveying patient information based on the values of the selected **time** -indexed medical data variable.

USE - For viewing and modifying information for a particular patient in a number of different locations simultaneously, automatically collecting data from medical sensors and medical laboratories, and making patient information relatively immutable.

ADVANTAGE - Provides **user** with intuitive and comprehensive visual interface, allowing **user** to easily select output parameter for which formula will generate values.

Dwg.11/12

Title Terms: COMPUTER; SYSTEM; CONSTRUCTION; FORMULA; PROCESS; MEDICAL; DATA; **USER** ; SELECT; NAME; **TIME** ; INDEX; MEDICAL; VALUE; **DISPLAY** ; LIST

Derwent Class: S05; T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

011129938   **Image available**
WPI Acc No: 1997-107862/199710
Related WPI Acc No: 1996-442759
   Provision of on-demand movie and related information to user **and using**
   source information database – presenting **movie to** user , then
   receiving related query from user , **determining frame that was being**
   presented **when** query **was issued, and** identifying **portions of frame**
   related information
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: REIMER J A; REINSCH R A
Number of Countries: 002 Number of Patents: 002
Patent Family:
Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5596705	A	19970121	US 95407306	A	19950320	199710	B
JP 9037223	A	19970207	JP 9662754	A	19960319	199716	

Priority Applications (No Type Date): US 95407306 A 19950320
Patent Details:
Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5596705	A		28	G06F-015/00	
JP 9037223	A		28	H04N-007/14	

Abstract (Basic): US 5596705 A
     The method for providing on demand access to movie related
   information while the movie is being continuously **presented** to a
   user , where the movie related information includes any of actor,
   director, character, prop, contract, set, location or other movie
   related information, comprises **presenting** the movie to the **user** in
   a continuous manner. The **presentation** of the movie is paused at **user**
    determined **intervals** , and a menu of **user** query selections is
   presented .

     During a pause a query signal representing a query pertaining to
   the movie is received from the **user** . A frame of the movie that was
   being **presented** to the **user** is determined when the query signal was
   received. Signal portions of the movie related **information** relating
   to the frame are **identified** , as specified by the **query** , by
   extracting from the movie a **time** code of the frame that was being
   presented to the **user** when the **query** signal was received. The
   identified portions of the movie related **information** is retrieved,
   and is then **presented** or **displayed** to the **user** . **Presentation** of
   the movie related information to the **user** is resumed in a continuous
   manner. A manager system enables **users** to create personalized
   versions of movies, and personalized collections of items.
     ADVANTAGE – Allows **user** to create, modify and utilise
   personalised version of movie.
     Dwg.1/16
Title Terms: PROVISION; DEMAND; MOVIE; RELATED; INFORMATION; **USER** ; SOURCE
   ; INFORMATION; DATABASE; **PRESENT** ; MOVIE; **USER** ; RECEIVE; RELATED;
   QUERY; **USER** ; DETERMINE; FRAME; **PRESENT** ; QUERY; ISSUE; IDENTIFY;
   PORTION; FRAME; RELATED; INFORMATION
Derwent Class: T01
International Patent Class (Main): **G06F-015/00** ; H04N-007/14
International Patent Class (Additional): **G06F-017/00** ; **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

011079405   **Image available**
WPI Acc No: 1997-057329/199706

XRPX Acc No: N97-047201
  **Production scheme monitoring appts - in which detailed information
  specified by specification part is extracted from data storing part and
  is** displayed **on screen of** display **part**
Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8305761	A	19961122	JP 95111971	A	19950510	199706	B

Priority Applications (No Type Date): JP 95111971 A 19950510
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8305761	A		7	G06F-017/60	

Abstract (Basic): JP 8305761 A
     The appts has a process flow extraction unit (10) which
  distinguishes a product ID code. The processing **data** corresponding to
  the **distinguished** ID code is extracted from a master data storing
  part (4) which is then stored in a processing data storing part (13).
  The processing data storing part compares the processing data with
  production scheme data corresponding to the process names from a
  production scheme data storing part (16).
     A **display** part **displays** the selected production **scheme** data
  relating to **specific** product on a screen. A specification part
  specifies the detailed information relating to **displayed** production
  scheme data. A detailed information **display** processing part (9)
  extracts the specified detailed information from the data storing part
  and **displays** the extracted detailed information in the **display**
  part.
     ADVANTAGE - Shortens data searching **time** and thereby reduces
  user 's burden. Restrains **frequency** of scrolling to minimum by
  performing selection separation on **display** screen. Performs searching
  and loading of data according to process flow data corresponding to
  selected product.
     Dwg.6/10
Title Terms: PRODUCE; SCHEME; MONITOR; APPARATUS; DETAIL; INFORMATION;
  SPECIFIED; SPECIFICATION; PART; EXTRACT; DATA; STORAGE; PART; **DISPLAY ;**
  SCREEN; **DISPLAY** ; PART
Derwent Class: P56; T01; T05
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): B23Q-041/08
File Segment: EPI; EngPI

  34/5/59   (Item 51 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011025820   **Image available**
WPI Acc No: 1997-003744/199701
XRPX Acc No: N97-003323
  **Data analysis method for database system - involves registering group
  rule by which display is carried out from memory, based on** user **'s**
  input
Patent Assignee: HITACHI LTD (HITA)
Inventor: ISHIBASHI A; KAWASHIMA K; TANIGUCHI Y; YAJIMA H
Number of Countries: 002 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8272825	A	19961018	JP 95100027	A	19950331	199701	B
US 5764975	A	19980609	US 96623903	A	19960327	199830	
JP 3049636	B2	20000605	JP 95100027	A	19950331	200032	

Priority Applications (No Type Date): JP 95100027 A 19950331
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes

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JP  8272825    A    14 G06F-017/30
US  5764975    A       G06F-017/30
JP  3049636    B2   14 G06F-017/30   Previous Publ. patent JP 8272825
```

Abstract (Basic): JP 8272825 A
    The method involves extracting a partial relation between the
    record items of the database. A record is extracted from the database
    after evaluating the **rules** based on the user's indication. The **rule**
    similar to the **specified** **rule** is formed and displayed. The user
    also specifies the degree of conformity of the rule with a rule format.
    The rules with certain similarity are formed as a group. The rules
    are registered based on the **user** 's indication. A **rule** selected from
    a registered rule or a new rule is formed. The similarity between a
    pair of rules is obtained. A table displays the included relation pair
    specified by the user.
    USE/ADVANTAGE - In fields such as physical experiment and business.
    Increases utilization efficiency. Secures regularity.
    Dwg.1/18
Title Terms: DATA; ANALYSE; METHOD; DATABASE; SYSTEM; REGISTER; GROUP; RULE
    ; DISPLAY; CARRY; MEMORY; BASED; USER; INPUT
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

 34/5/60   (Item 52 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010523257   **Image available**
WPI Acc No: 1996-020210/199602
Related WPI Acc No: 1991-022355; 1992-292693; 1993-019735; 1993-296667;
    1996-091011; 1998-155732; 1998-286280; 1998-322056
XRPX Acc No: N96-016890
    Text search system **for finding user** designated **search terms - has
    character string matching device using codes output from character string
    storage and search terms to decide term presence in text**
Patent Assignee: HITACHI LTD (HITA   )
Inventor: KATO K; KAWAGUCHI H; SHINOZAKI M; TADA K; AKIZAWA M; FUJINAWA M;
    FUJISAWA H; HATAKEYAMA A; KANEOKA N; MASUZAKI H; MURAKAMI M; OOYAMA M
Number of Countries: 002 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5471610	A	19951128	US 90555483	A	19900809	199602	B
			US 92985795	A	19921130		
			US 9331625	A	19930315		
US 5519857	A	19960521	WO 90JP774	A	19900614	199626	
			US 90555483	A	19900809		
			US 92985795	A	19921130		
JP 2986865	B2	19991206	JP 90193015	A	19900723	200003	
JP 3360308	B2	20021224	JP 9263067	A	19920319	200304	

Priority Applications (No Type Date): JP 92306748 A 19921117; JP 89149630 A
    19890614; JP 89188772 A 19890724; JP 89188773 A 19890724; JP 89231567 A
    19890908; JP 9263067 A 19920319; JP 92249191 A 19920918
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5471610	A		63	G06F-017/21	Div ex application US 90555483
					CIP of application US 92985795
					Div ex patent US 5168533
US 5519857	A		113	G06F-017/30	Cont of application WO 90JP774
					Cont of application US 90555483
					Cont of patent US 5168533
JP 2986865	B2		98	G06F-017/30	Previous Publ. patent JP 3174652
JP 3360308	B2		22	G06F-017/30	Previous Publ. patent JP 5266082

Abstract (Basic): US 5471610 A

The system includes character string storage (105) storing a piece of text. A filtering device (3000) fetches character codes from the text read out from the string storage device to output only those character codes that are included in the search terms. A character string matching device (102) matches, en bloc, a string of character codes outputted from the filtering device. The search terms decide whether or not the search terms exist in the string of character codes outputted from the filtering device.

A synchronizing device between the filtering device and the character string matching device buffers differences in processing speed while transferring data from the filtering device to the character string matching device.

ADVANTAGE - Gives high speed matching throughput without use of high speed memory. Provides fast and inexpensive text search.

Dwg.1/38

Title Terms: TEXT; SEARCH; SYSTEM; FINDER; USER; DESIGNATED; SEARCH; TERM; CHARACTER; STRING; MATCH; DEVICE; CODE; OUTPUT; CHARACTER; STRING; STORAGE; SEARCH; TERM; DECIDE; TERM; PRESENCE; TEXT

Derwent Class: T01

International Patent Class (Main): **G06F-017/21 ; G06F-017/30**

File Segment: EPI

34/5/63   **(Item 55 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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007915094
WPI Acc No: 1989-180206/198925
  Easy to use automated production dispatch process - analysing revised
  sequence for orders in progress, passing results to planning system, and
  re-planning release sequence of orders
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: NATARAJAN B
Number of Countries: 005 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 321375	A	19890621	EP 88480082	A	19881122	198925	B
BR 8806630	A	19890822				198939	
US 4866628	A	19890912				198946	
EP 321375	B1	19960515	EP 88480082	A	19881122	199624	
DE 3855296	G	19960620	DE 3855296	A	19881122	199630	
			EP 88480082	A	19881122		

Priority Applications (No Type Date): US 87135122 A 19871218
Cited Patents: 2.Jnl.Ref; A3...9039; No-SR.Pub; US 4644480; US 4648023
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 321375	A	E	8		
Designated States (Regional): DE FR GB					
EP 321375	B1	E	10	G06F-017/00	
Designated States (Regional): DE FR GB					
DE 3855296	G			G06F-017/00	Based on patent EP 321375

Abstract (Basic): EP 321375 A
      The dispatch process comprises the steps of monitoring production
  release and dispatch orders generated by a production planning process.
  The manufacturing environment subject is simulated to a production
  disruption based on defined management dispatch criteria to generate an
  estimate of order tardiness, work-in-process inventory and cycle **time**
  . The estimate is tested to determine if the estimate is acceptable
  according to predefined **criteria** . The **user** is prompted to define
  dispatch priorities between minimising order tardiness, minimising
  work-in-process inventory and minimising manufacturing cycle **time** . A
  revised dispatch sequence of dispath orders for the manufacturing
  environment is then generated.
      Decision variables generated in the steps of simulating in the
  database are captured and a response to a **user**   **input** is achieved
  via the query system to access the decision variables captured in the
  database. An analysis of tested combinations of the tested alternatives
  in the production release are then displayed. (8pp Dwg.No.1/4)
Title Terms: EASY; AUTOMATIC; PRODUCE; DISPATCH; PROCESS; ANALYSE; REVISED;
  SEQUENCE; ORDER; PROGRESS; PASS; RESULT; PLAN; SYSTEM; PLAN; RELEASE;
  SEQUENCE; ORDER
Derwent Class: T01
International Patent Class (Main): **G06F-017/00**
International Patent Class (Additional): **G06F-015/20** ;   **G06F-017/60**
File Segment: EPI

```
Set      Items    Description
S1       20005    SELECT OR ELECTING? OR CHOOSE OR PICK? OR ELECTS OR ELECT -
                  OR DECID? OR DESIGNAT? OR STIPULAT? OR DETERMIN? OR SPECIF?
S2       68044    FORMULA OR LOGIC OR EXPRESSION? OR SCHEME? OR TECHNIQUE? OR
                  SYSTEM? ? OR ALGORITHM? OR RULE? OR SQL()(STATEMENT? OR FORM-
                  ULA?)
S3       19088    PROGRAMMED OR PROGRAMMING OR PROGRAMMING OR PROGRAMS OR IN-
                  STRUCTION? OR DEFINING OR INPUT OR "IN"()PUT
S4       72637    USER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR -
                  CUSTOMER? OR BROWSER? OR SUBSCRIBER? OR CLIENT? OR PATRON?
S5       18601    SEARCH? OR QUER? OR SEEK? OR PURSU? OR MATCH? OF FIND? OR -
                  LOOK?
S6       32526    CRITERIA OR STANDARD? OR RULE? OR TEST? OR MARK? ? OR GAUGE
                  OR BENCHMARK?
S7        589     (IDENTIF? OR RECOGNIZ? OR DISTINGUISH?)(5N)(DATA OR INFORM-
                  ATION)
S8       12287    PRESENT? OR DISPLAY? OR DISCLOS? OR DIVULG?
S9       22370    INTERVAL? OR TIME OR FREQUENC? OR DURATION?
S10       349     INTERVENTION? OR INTERFERING OR INTRUDING OR (FURTHER OR A-
                  DDITIONAL)()(ACTION OR INPUT)
S11      1195     S1 (3N) S2
S12       21      S11 AND (S3 (3N) S4)
S13       65      S11 AND (S4 (3N) S6)
S14       20      S7 (5N) S5
S15       14      S7 AND S8 AND S4 AND S9
S16        0      S4 AND (("NOT" OR NON)()S10)
S17        0      S13 AND S14 AND S15
S18        0      S13 AND S14
S19        0      S13 AND S15
S20        0      S14 AND S15
S21        1      S12 AND S13
S22        1      S11 AND S14
S23        1      S11 AND S15
S24        3      S21 OR S22 OR S23
S25        2      S24 NOT PY>1998
S26        2      S25 NOT PD>19981215
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov
         (c)2003 Info.Sources Inc
```

26/5/1
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01557269   DOCUMENT TYPE: Product

PRODUCT NAME: Detector (557269)

Computer Associates International Inc (081957)
1 Computer Associates Plaza
Islandia, NY 11749 United States
TELEPHONE: (631) 342-6000

RECORD TYPE: Directory

CONTACT: Sales Department

Detector identifies the applications and SQL statements that are the most
resource-intensive and heavily used. After identifying these problem
resources, administrators can focus tuning efforts on areas that can yield
the largest performance gains. Detector provides data at levels of detail
that are the most helpful in solving performance problems from the plan,
DBRM, and package level, and down to the individual SQL statement level. It
requires minimal overhead since it does not use SQL performance traces in
DB2 to collect performance **data** . DBAs can **identify** all SQL statements
that are causing performance problems anywhere in a DB2 shop. Detector
enables DBAs to know which DB2 applications are consuming the majority of
the DB2 CPU resources over **time** by collecting performance data. It
reduces the **time** required to **identify** performance problems; **users** can
analyze **data** from a variety of angles at various levels of granularity
and then focus their tuning efforts. Detector decreases development **time**
by providing real- **time** analysis of application performance. It allows a
DB2 shop to **determine** which **SQL** **statements** need to be tuned first. It
also permits flexibility, as it can be used alone or to complement a
traditional performance monitor. Detector **displays** the most expensive SQL
statements using any DB2 resources for PeopleSoft, SAP R/3, or other
third-party applications. It also locates all expensive DB2 SQL hiding
anywhere in these applications.

DESCRIPTORS: Data Center Operations; Database Utilities; Network
     Administration; Network Software; Software Testing; System Performance

HARDWARE: IBM Mainframe
OPERATING SYSTEM: DB2; MVS; MVS/ESA; TSO
PROGRAM LANGUAGES: SQL
TYPE OF PRODUCT: Mainframe
POTENTIAL USERS: DB2 Database Administrators
DATE OF RELEASE: 11/1994
PRICE: Available upon request

DOCUMENTATION AVAILABLE: Included with package
TRAINING AVAILABLE: Technical support
REVISION DATE: 20010430

26/5/2
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00104723   DOCUMENT TYPE: Review

PRODUCT NAMES: Scenario 1.0 Windows 95 & NT   (663441)

TITLE: Mine Your Data for Statistical Gems
AUTHOR: Gilliland, Steve
SOURCE: Computer Shopper,   v17 n10 p474(1) Oct 1997
ISSN: 0886-0556

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

Cognos' Scenario 1.0, a robust statistical tool with features generally available only to those with a statistician on board and a huge software budget, is called data mining software. This type of program can **look** into huge amounts of **data** and apply **recognized** statistical methods to find otherwise unnoticed but useful information. Scenario is very different than most competing products, in its pricing and its real ease of use. Any user who can take the time to practice for a few hours with Scenario can learn to use it with aplomb. Using information in an organization's databases, users can produce a line graph and a tree view. Both show the facets of the data that influence the trend of a target analysis, in descending order of importance. The target can be sales, profit, advertising, costs, or any other type of data in a company's, customer's, or any combination of databases. In graph and tree views, users can see many statistical values, including sample size, standard deviation, and outliers. They can drill-down into data. Scenario uses a form of the regressive Chi-Squared Automatic Interaction Detection **algorithm** . Users **choose** a target column or dependent variable, and also choose an analysis strategy to verify the precision and dependability of Scenario's conclusions.

PRICE: $695

COMPANY NAME: Cognos Inc   (027294)
SPECIAL FEATURE: Screen Layouts Charts
DESCRIPTORS: Database Utilities; IBM PC & Compatibles; Information
    Retrieval; Pattern Recognition; Statistics; Windows; Windows NT/2000
REVISION DATE: 20030221

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Set     Items     Description
S1     4933624    SELECT OR ELECTING? OR CHOOSE OR PICK? OR ELECTS OR ELECT -
                  OR DECID? OR DESIGNAT? OR STIPULAT? OR DETERMIN? OR SPECIF?
S2    12579671    FORMULA OR LOGIC OR EXPRESSION? OR SCHEME? OR TECHNIQUE? OR
                  SYSTEM? ? OR ALGORITHM? OR RULE? OR SQL()(STATEMENT? OR FORM-
                  ULA?)
S3     1912700    PROGRAMMED OR PROGRAMMING OR PROGRAMMING OR PROGRAMS OR IN-
                  STRUCTION? OR DEFINING OR INPUT OR "IN"()PUT
S4     1404953    USER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR -
                  CUSTOMER? OR BROWSER? OR SUBSCRIBER? OR CLIENT? OR PATRON?
S5      989720    SEARCH? OR QUER? OR SEEK? OR PURSU? OR MATCH? OF FIND? OR -
                  LOOK?
S6     5463271    CRITERIA OR STANDARD? OR RULE? OR TEST? OR MARK? ? OR GAUGE
                  OR BENCHMARK?
S7       60570    (IDENTIF? OR RECOGNIZ? OR DISTINGUISH?)(5N)(DATA OR INFORM-
                  ATION)
S8     5660667    PRESENT? OR DISPLAY? OR DISCLOS? OR DIVULG?
S9     5121357    INTERVAL? OR TIME OR FREQUENC? OR DURATION?
S10     111769    INTERVENTION? OR INTERFERING OR INTRUDING OR (FURTHER OR A-
                  DDITIONAL)()(ACTION OR INPUT)
S11     311594    S1 (3N) S2
S12        844    S11 AND (S3 (3N) S4)
S13        885    S11 AND (S4 (3N) S6)
S14        869    S7 (5N) S5
S15        560    S7 AND S8 AND S4 AND S9
S16         20    S4 (3N) (("NO" OR NON)()S10)
S17         98    S4 AND (("NO" OR NON)()S10)
S18          0    S13 AND S14 AND S15
S19          0    S13 AND S14
S20          0    S13 AND S15
S21          0    S13 AND S16
S22         14    S14 AND S15
S23          0    S14 AND S17
S24         56    S12 AND S13
S25          0    S12 AND S14
S26          0    S13 AND S15
S27          0    S13 AND S17
S28         27    S17 AND S9
S29         18    S24 AND S9
S30         76    S16 OR S22 OR S28 OR S29
S31         51    S30 NOT PY>1998
S32         51    S31 NOT PD>19981215
S33         43    RD (unique items)
File    8:Ei Compendex(R) 1970-2003/Nov W5
          (c) 2003 Elsevier Eng.  Info. Inc.
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          (c)2003 Japan Science and Tech Corp(JST)
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          (c) 2003 The HW Wilson Co
File   99:Wilson Appl. Sci & Tech Abs 1983-2003/Oct
          (c) 2003 The HW Wilson Co.
File   95:TEME-Technology & Management 1989-2003/Nov W4
          (c) 2003 FIZ TECHNIK
File  583:Gale Group Globalbase(TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group
```

05251407   E.I. No: EIP99034604160
  Title: Design of a computer-aided modeling system: a case study
  Author: Lotko, John III; Bzymek, Zbigniew M.; Garrett, Richard E.;
Billatos, Samir B.
  Corporate Source: Univ of Connecticut
  Conference Title: Proceedings of the 1998 ASME International Mechanical
Engineering Congress and Exposition
  Conference   Location: Anaheim,   CA,   USA   Conference   Date:
19981115-19981120
  Sponsor: ASME
  E.I. Conference No.: 49584
  Source: Applications of Design for Manufacturing American Society of
Mechanical Engineers, Design Engineering Division (Publication) DE v 99
1998. ASME, Fairfield, NJ, USA. p 79-91
  Publication Year: 1998
  CODEN: AMEDEH
  Language: English
  Document Type: CA; (Conference Article)   Treatment: T; (Theoretical)
  Journal Announcement: 9905W2

  Abstract: This paper describes a computer algorithm capable of seamlessly
transforming a Cadkey part into tool paths that can produce a model using a
Computer-Aided Modeling (CAM) machine. This was accomplished utilizing
rules based on known machining practices developed in conjunction with
Cadkey and Cutting Edge designers. The rules used for designing this
software consist of fundamental principles of machining. In the
conventional approach, these are the rules that are supplied by the
designer and applied to the problem using a programs such as Cutting Edge.
The basic set of rules and the original Computer-Aided Design (CAD) design
were sufficient to create the needed tool paths with the **user** 's **time**
and **input** replaced by a computer algorithm. A developed computer
algorithm is much less flexible, but significantly quicker than a designer,
so where applicable more robust rules which required greater **time** or
iterations were chosen. The algorithm is general but can be applied to any
CAD **system** . However, the **specific** design work was performed with Cadkey
as the target low cost system and a Roland desk-top Computer-Aided Modeling
Machine (CAMM-3) as the target cutting device. All assumptions made for
this test case were based on the **criteria** of **user** 's convenience and
economy. All the tests performed proved that the algorithm works and is
capable of adding one more output device - a cutter as an output system.
(Author abstract) 14 Refs.
  Descriptors: *Computer aided design; Computer simulation; Algorithms;
Software engineering; Machining
  Identifiers: Computer aided modeling machine; Software Package cutting
edge
  Classification Codes:
  723.5 (Computer Applications); 723.1 (Computer Programming); 604.2
(Machining Operations)
  723 (Computer Software); 604 (Metal Cutting & Machining)
  72 (COMPUTERS & DATA PROCESSING); 60 (MECHANICAL ENGINEERING)

04478024   E.I. No: EIP96083292227
  **Title: Time Warner cable's full service network - program management of
the FSN virtual organization**
  Author: Whitehead, Susan T.; Peterson, Annette N.
  Corporate Source: Time Warner Cable/US West, Englewood, CO, USA
  Conference Title: Proceedings of the 1996 2nd International Workshop on
Community Networking
  Conference   Location: Princeton,   NJ,   USA   Conference   Date:

19950620-19950622
Sponsor: IEEE; ACM SIGCOMM
E.I. Conference No.: 45173
Source: International Workshop on Community Networking, Proceedings 1995.
IEEE, Piscataway, NJ, USA,95TH8097. p 291-298
Publication Year: 1995
CODEN: 002409
Language: English
Document Type: CA; (Conference Article)   Treatment: A; (Applications); G
; (General Review)
Journal Announcement: 9610W3

Abstract: When **Time** Warner chose to **pursue** its vision of the **information** superhighway, it was well **recognized** that this endeavor was a technological undertaking of dramatic proportions. Acknowledging that no one company could solely deliver the multitude of required technologies, **Time** Warner created a 'virtual organization' of key technology providers. This paper analyzes the challenges and rewards of Program Management within this virtual organization, and **presents** innovatively adapted Program Management techniques that enabled this program's success. (Author abstract) 6 Refs.

Descriptors: Information technology; Broadband networks; Interactive computer systems; Information services; Information management; Real **time** systems; Computer software; Interfaces (computer); Remote control; Fiber optic networks

Identifiers: Full service network; Program network; Information superhighway; Virtual organization; Interactive broadband network; Custom connection management software; **Consumer** navigational interface software; Multimedia applications

Classification Codes:
723.5 (Computer Applications); 722.4 (Digital Computers & Systems);
903.2 (Information Dissemination); 722.2 (Computer Peripheral Equipment);
731.1 (Control Systems)
723 (Computer Software); 903 (Information Science); 722 (Computer Hardware); 731 (Automatic Control Principles)
72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 73 (CONTROL ENGINEERING)

33/5/5   (Item 5 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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04431545   E.I. No: EIP96063221532
Title: Helping users program their personal agents
Author: Terveen, Loren G.; Murray, La Tondra
Corporate Source: AT&T Bell Lab, Murray Hill, NJ, USA
Conference Title: Proceedings of the 1996 Conference on Human Factors in Computing Systems, CHI 96
Conference   Location: Vancouver,   BC,   Can   Conference   Date:
19960413-19960418
E.I. Conference No.: 44819
Source: Conference on Human Factors in Computing Systems - Proceedings
1996. ACM, New York, NY, USA. p 355-361
Publication Year: 1996
CODEN: 002163
Language: English
Document Type: CA; (Conference Article)   Treatment: T; (Theoretical)
Journal Announcement: 9608W3

Abstract: Software agents are computer programs that act on behalf of users to perform routine, tedious, and **time** -consuming tasks. To be useful to an individual user, an agent must be personalized to his or her goals, habits, and preferences. We have created an end- **user programming** system that makes it easy for **users** to state **rules** for their agents to follow. The main advance over previous approaches is that the **system** automatically **determines** conflicts between **rules** and guides **users** in resolving the conflicts. Thus, user and system collaborate in developing and managing a set of **rules** that embody the **user** 's preferences for

handling a wide variety of situations. (Author abstract) 16 Refs.
    Descriptors: *Computer programming; Human computer interaction; Graphical
user interfaces; Artificial intelligence; Man machine systems
    Identifiers: Personal agents; End **user   programming** ; Intelligent
systems
    Classification Codes:
    723.1 (Computer Programming); 722.2 (Computer Peripheral Equipment);
723.4 (Artificial Intelligence)
    723 (Computer Software); 722 (Computer Hardware)
    72 (COMPUTERS & DATA PROCESSING)

    33/5/9   (Item 9 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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03420216   E.I. Monthly No: EI9205058817
    Title: **Case study. Using ITS style tools to implement IBM's CUA-2 user
interface style.**
    Author: Ukelson, Jacob P.; Gould, John D.; Boies, Stephen J.; Wiecha,
Charles
    Corporate Source: IBM Research, Yorktown Heights, NY, USA
    Source: Software – Practice and Experience v 21 n 12 Dec 1991 p 1265-1288
    Publication Year: 1991
    CODEN: SPEXBL   ISSN: 0038-0644
    Language: English
    Document Type: JA; (Journal Article)   Treatment: A; (Applications); X;
(Experimental)
    Journal Announcement: 9205
    Abstract: In an empirical case study of software tools, two participants
used the ITS style designer's language to implement a general purpose,
executable, **rule** -based **user** interface style. This language allows style
desingers to **select** , combine and modify **rule** prototypes in order to
construct a **rule** -based **user** interface style. The participants
implemented the entire IBM CUA-2 user interface style, plus nine additional
human-computer interaction techniques, in 5-7 person-weeks. This is
impressive productivity. Typically the **time** to complete a single CUA-2
application is measured in person-years, not person-weeks. The style
implemented here is reusable by any ITS-implemented application. The
achievement reported here shows that about half the work of all
ITS-implemented CUA-2 applications have been completed in a few
person-weeks. This result demonstrates the power and productivity of the
ITS approach and tools. The results of this case study showed that key
?ready-mades' (e.g. named attribute groups) provided in the style
designer's toolkit could be used intact, which is importing or exporting
interaction techniques from one style to another style. The results
generalize to other computer-literate designers who may want to use these
tools to create other user interface styles. (Author abstract) 19 Refs.
    Descriptors: *COMPUTER SOFTWARE--*Design; COMPUTER PROGRAMMING LANGUAGES;
COMPUTER SYSTEMS PROGRAMMING--Productivity
    Identifiers: IBM CUA-2 **USER** INTERFACE; ITS COMPUTER **PROGRAMMING**
LANGUAGE
    Classification Codes:
    723 (Computer Software)
    72 (COMPUTERS & DATA PROCESSING)

    33/5/10   (Item 10 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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03348260   E.I. Monthly No: EI9112149085
    Title: **Parametric system** identification **on logarithmic** frequency
    response data .
    Author: Sidman, Michael D.; DeAngelis, Franco E.; Verghese, George C.
    Corporate Source: Digital Equipment Corp, Colorado Springs, CO, USA
    Source: IEEE Transactions on Automatic Control v 36 n 9 Sep 1991 p

Abstract: Gradient search methods that fit the parameters of a **user**
-defined transfer function to experimental logarithmic **frequency** response
data are **presented** . The methods match a model based on physically
significant parameters, including natural **frequencies** of poles and zeros
and damping ratios of complex poles and zeros. The algorithms construct and
utilize their own analytical gradient descent functions, based on the
desired model. One method attempts to fit both log magnitude and phase,
while another identifies a minimum phase transfer function model from only
log magnitude **frequency** response data. The log magnitude algorithm is
shown to be superior to traditional methods using non-logarithmic
frequency response data, including those used in commercially available
frequency response analyzers. The algorithms are shown to perform well,
especially for systems with lightly-damped dynamics. 21 Refs.
Descriptors: *CONTROL SYSTEMS--*Mathematical Models; CONTROL SYSTEMS--
Identification; MATHEMATICAL TECHNIQUES--Poles and Zeros; MATHEMATICAL
TECHNIQUES--Transfer Functions; MATHEMATICAL TECHNIQUES--Algorithms
Identifiers: PARAMETRIC SYSTEM **IDENTIFICATION** ; LOGARITHMIC **FREQUENCY**
RESPONSE **DATA** ; GRADIENT **SEARCH** METHODS; POLE/ZERO NATURAL **FREQUENCIES**
; COMPLEX POLE/ZERO DAMPING RATIOS; MINIMUM PHASE TRANSFER FUNCTION MODEL
Classification Codes:
731 (Automatic Control Principles); 921 (Applied Mathematics)
73 (CONTROL ENGINEERING); 92 (ENGINEERING MATHEMATICS)

33/5/15   **(Item 15 from file: 8)**
DIALOG(R)File   8:Ei Compendex(R)
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02108477   E.I. Monthly No: EIM8608-051046
   Title: **PROCEEDINGS - COMPSAC 85: THE IEEE COMPUTER SOCIETY'S NINTH
INTERNATIONAL COMPUTER SOFTWARE & APPLICATIONS CONFERENCE.**
   Author: Anon
   Abstract: The following topics are dealt with: quality analysis;
specification   techniques ; new technologies; expert system design;
software metrics; software design; database techniques; real- **time**
systems; reliability and quality assurance; software engineering
management; knowledge-based applications; software **testing** ; expert
programming   user interface; and fault-tolerant software. 61 papers were
presented, all of which are published in full in the present proceedings. 8
panel sessions are also included.
   Descriptors: COMPUTER SOFTWARE--*Software Engineering; ARTIFICIAL
INTELLIGENCE--Expert Systems; DATABASE SYSTEMS; COMPUTER SYSTEMS, DIGITAL--
Real **time** Operation; COMPUTER INTERFACES
   Identifiers: SOFTWARE DESIGN/DEVELOPMENT; FAULT-TOLERANT SOFTWARE;
KNOWLEDGE-BASED APPLICATIONS; USER INTERFACES; EIREV
   Classification Codes:
   723 (Computer Software); 722 (Computer Hardware)

33/5/16   (Item 16 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

01893838   E.I. Monthly No: EIM8509-055344
  Title: **QUERY PROCESSING IN A DISTRIBUTED DATA BASE.**
  Author: Jantz, Diane; Unger, E. A.; McBride, R.; Slonim, Jacob
  Corporate Source: United Information Services
  Conference Title: 1983 ACM Conference on Personal and Small Computers.
  Conference Location: San Diego, CA, USA   Conference Date: 19831207
  Sponsor: ACM, Special Interest Group on Personal Computing, New York, NY,
USA; ACM, Special Interest Group on Small Computing Systems & Applications,
New York, NY, USA
  E.I. Conference No.: 05324
  Source: SIGPC Notes (ACM Special Interest Group on Personal Computing) v
6 n 2. Publ by ACM, New York, NY, USA. Available from ACM (Order n 609830),
Baltimore, MD, USA p 237-244
  Publication Year: 1983
  CODEN: SPCNDH   ISBN: 0-89791-123-7
  Language: English
  Document Type: PA; (Conference Paper)
  Journal Announcement: 8509
  Abstract: The current research on optimizing algorithms for **queries** in
distributed **data** base networks is **presented** . An **identification** of
additional factors which add cost and **time** to processing of a query both
at a node and in the transporting of data along a link in the network is
given. The idea of a **user** topology is **presented** as the basis for a
query optimization algorithm and the effects of a **user** 's query
constraints on the **user** topology are illustrated. With the influencing
factors on a query request identified, a model of query processing is
described. 32 refs.
  Descriptors: *DATABASE SYSTEMS--*Distributed; COMPUTER NETWORKS
  Identifiers: **USER** TOPOLOGY; RETRIEVAL STRATEGY; QUERY CONSTRAINT TUPLE;
ALGORITHM OPTIMIZATION; LOCAL PROCESSING RESOURCES; TEMPORAL PROFILES
  Classification Codes:
  723 (Computer Software); 722 (Computer Hardware)
  72 (COMPUTERS & DATA PROCESSING)

33/5/21   (Item 4 from file: 35)
DIALOG(R)File   35:Dissertation Abs Online

01353704 ORDER NO: AAD94-12548
**A NEW, NON-INTRUSIVE ARCHITECTURE FOR SOFTWARE MONITORING OF
MICROPROCESSOR-BASED SYSTEMS**
  Author: JUNDI, KHALED M.
  Degree: PH.D.
  Year: 1993
  Corporate Source/Institution: UNIVERSITY OF DAYTON (0327)
  Adviser: D. MOON
  Source: VOLUME 54/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
          PAGE 6374. 171 PAGES
  Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL
  Descriptor Codes: 0544

    The increasing complexity of today's processors has presented a tough
challenge to real- **time** software development and debugging. One of the
challenges for real- **time** system developers is to determine how to monitor
internal machine states that are not directly accessible via input/output
pins. The status of internal pipelines, synchronization sequences, and
general-purpose registers are often hidden from the **user** , but are needed
for locating and debugging software problems. The principle objective of
this study is to define a new architecture for a passive, non-intrusive

software monitor which has the capability to ensure **no intervention** with the execution of a target system, while providing a comprehensive execution history that can be used in a real- **time** testing and debugging environment. The study presents a new, simple, and effective technique that can be used for non-intrusive, real- **time** monitoring of software code running on a target processor that incorporates off-chip memory caches in the design. The technique is based on the concept of inductive monitoring where certain buses and control signals are assumed to be directly available for the defined monitoring system. The MIPS R3000 RISC-based processor is used as the target processor to be monitored. A description of the hardware architecture, its operation, and a simulation/emulation of the monitoring technique will be presented and how it can be used to improve the capability to perform real- **time** monitoring of software code without affecting the operation of the target system. The study will also introduce another conceptual monitoring technique based on deductive monitoring where real- **time** monitoring of processors incorporating on-chip memory resources might be accomplished. The study will propose a combined architecture for a monitoring system that is based on inductive and deductive monitoring concepts as a fruitful and future research area.

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Set     Items     Description
S1     6579303    SELECT OR ELECTING? OR CHOOSE OR PICK? OR ELECTS OR ELECT -
                  OR DECID? OR DESIGNAT? OR STIPULAT? OR DETERMIN? OR SPECIF?
S2    10296698    FORMULA OR LOGIC OR EXPRESSION? OR SCHEME? OR TECHNIQUE? OR
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                  ULA?)
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                  CUSTOMER? OR BROWSER? OR SUBSCRIBER? OR CLIENT? OR PATRON?
S5     6765446    SEARCH? OR QUER? OR SEEK? OR PURSU? OR MATCH? OF FIND? OR -
                  LOOK?
S6     7560677    CRITERIA OR STANDARD? OR RULE? OR TEST? OR MARK? ? OR GAUGE
                  OR BENCHMARK?
S7      134486    (IDENTIF? OR RECOGNIZ? OR DISTINGUISH?)(5N)(DATA OR INFORM-
                  ATION)
S8     4766593    PRESENT? OR DISPLAY? OR DISCLOS? OR DIVULG?
S9     7620093    INTERVAL? OR TIME OR FREQUENC? OR DURATION?
S10     287769    INTERVENTION? OR INTERFERING OR INTRUDING OR (FURTHER OR A-
                  DDITIONAL)()(ACTION OR INPUT)
S11     294148    S1 (3N) S2
S12       1112    S11 (S) (S3 (3N) S4)
S13       3364    S11 (S) (S4 (3N) S6)
S14       4303    S7 (5N) S5
S15        809    S7 (S) S8 (S) S4 (S) S9
S16        132    S4 (3N) (("NO" OR NON)()S10)
S17          0    S13 (S) S14 (S) S15
S18          0    S13 (S) S14
S19          1    S13 (S) S15
S20          0    S13 (S) S16
S21         37    S14 (S) S15
S22          0    S14 (S) S16
S23         89    S12 (S) S13
S24          0    S12 (S) S14
S25          2    S12 (S) S15
S26          0    S12 (S) S16
S27          1    S13 (S) S15
S28          0    S13 (S) S16
S29         24    S16 (S) S9
S30          0    S16 (S) S11
S31          1    S23 (S) S15
S32        151    S19 OR S21 OR S23 OR S25 OR S27 OR S29 OR S31
S33         76    S32 NOT PY>1998
S34         73    S33 NOT PD>19981215
S35         67    RD (unique items)
File  15:ABI/Inform(R) 1971-2003/Dec 12
          (c) 2003 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
          (c) 1999 Business Wire
File 647:CMP  Computer Fulltext 1988-2003/Dec W1
          (c) 2003 CMP Media, LLC
File 275:Gale Group Computer DB(TM) 1983-2003/Dec 11
          (c) 2003 The Gale Group
File 674:Computer News Fulltext 1989-2003/Dec W1
          (c) 2003 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2003/Dec 11
          (c) 2003 The Dialog Corp.
File 624:McGraw-Hill Publications 1985-2003/Dec 11
          (c) 2003 McGraw-Hill Co. Inc
File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 11
          (c) 2003 The Gale Group
File 484:Periodical Abs Plustext 1986-2003/Nov W5
          (c) 2003 ProQuest
File 813:PR Newswire 1987-1999/Apr 30
          (c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2003/Dec 12
          (c) 2003 PR Newswire Association Inc
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02374081 115925209
Strategic scanning and interpretation revisiting: foundations for a software agent support system - Part 2: scanning the business environment with software agents
Liu, Shuhua
Industrial Management + Data Systems v98n8 PP: 362-372 1998
ISSN: 0263-5577 JRNL CODE: IDS
WORD COUNT: 6926

...TEXT: disparate streams of information from multiple distributed
resources in order to respond to a specific request from **users** with
relevant, synthesized results; to be able to answer queries that require
logical or heuristic deductions or induction, or require numerical
computation using algorithmic models. Agents **present** a single **user**
 interface to multiple information media (e.g. real- **time** newswires,
online databases, field intelligence, and corporate computing resources).
Agents can support **users** not only in searching and filtering information,
but also categorization, attention prioritization, annotation,
collaborative sharing and understanding, as well as selective
dissemination. Agents can remain active all the **time** to periodically
visit the information sources, to monitor **information** , to **look** for
trends, to **identify** new **information** , to extract relevant **data** , to
fuse the information with other relevant data, and to distribute the
results to its **user** . The monitored information can be updated
automatically as often as necessary. In this way an agent increases the
 user   's current awareness of new leads and ensures that information for
the **user** is updated automatically as often as necessary. This is becoming
an invaluable service as such tasks would...

01638873 02-89862
Ready, set, go
Karmarkar, Vikram; Armitage, Grenville
Telephony v234n20 PP: 98-104 May 18, 1998
ISSN: 0040-2656 JRNL CODE: TPH
WORD COUNT: 2093

...TEXT: knows not just where to send them but also how and when. The how
and when are **determined** by **rules** requested by the **customer** and
programmed into the routing system by the service provider.

Customers also may request rules that prevent the network...

01597397 02-48386
The 1998 strategist's guide to software
Baker, Sunny; Baker, Kim
Journal of Business Strategy v19n1 PP: 39-51 Jan/Feb 1998
ISSN: 0275-6668 JRNL CODE: JST
WORD COUNT: 4326

...TEXT: Change supports more than 1,000 products, so chances are good it
will support those you use. **Time** -consuming updates to giant files are
best done after work. The company claims that latest version can

automatically update with **no intervention** from **users** . (We didn't test this.) It's helpful to have a fast modem, ISDN hookup, or fast...

35/3,K/5   (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01246378 98-95773
Factors important to expert systems success: A field test
Guimaraes, Tor; Yoon, Youngohc; Clevenson, Aaron
Information & Management v30n3 PP: 119-130 Jun 1996
ISSN: 0378-7206 JRNL CODE: IFM

ABSTRACT: Some important **determinants** for expert **systems** (ES) implementation success are field **tested** . **User** satisfaction is used as the surrogate of ES success, affording some basis for inter-study comparison. To...

... determinants of ES success. One of the most important factors is increasing system usage by establishing end- **user** training **programs** which desensitize the potential user community to ES technology and demonstrate its potential as a business tool...

35/3,K/6   (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01225929 98-75324
SAM 4.0 provides power, simplicity and automatic on-line updates
DeLisio, Fred
InfoWorld v18n17 PP: 113 Apr 22, 1996
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 439

...TEXT: resource and data definitions for new viruses that surface. Now all that can be handled automatically with **no intervention** from the **user** . But it also means that apart from choosing when to connect for updates or scheduling updates to happen automatically at daily, weekly, or monthly **intervals** , you basically never have to think about updating your virus database again.

Anyone who has had to...

35/3,K/12   (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00798062 94-47454
SQL access opening up the DB world
Irani, Cyrus
Computer Technology Review v13n13 PP: 18 Nov 1993
ISSN: 0278-9647 JRNL CODE: CTN
WORD COUNT: 659

...ABSTRACT: client-server area, there has been a dearth of standards and specifications addressing the area of database **client** -server openness. The **Standard** Query Language (SQL) Access Group, in conjunction with X/Open, has published specifications in 3 major areas: 1. the remote database access format and protocol, 2. the **client** application **programming** interface (API), and 3. the SQL used to access the database. The SQL Access remote database access...

...XPG Preliminary Stage, is mainly intended for application or tools ISVs, but also includes system vendors and **system** integrators. The SQL

specification has 2 parts: 1. the language, and 2. an embedded interface.
The SQL Access SQL specification is...

35/3,K/13   (Item 13 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00780614 94-30006
Information delivery: Identifying priorities, performance, and value
Broadbent, Marianne; Lofgren, Hans
Information Processing & Management v29n6 PP: 683-701 Nov-Dec 1993
ISSN: 0306-4573 JRNL CODE: IPM

...ABSTRACT: organization of the information services provided. Traditional
evaluation techniques provide indicators of operational efficiency and
improvements over **time** . However, these need to be complemented by
techniques that **seek** to **identify** the benefits of those **information**
services to the organization in terms of having meaning to both managers
and **users** . Two techniques are **presented** that bridge the gap between
those used by senior managers and those with which ISU managers have...

... and found to make an effective contribution to evaluating library and
information services in terms understood by **users** , management, and the
provider group.   ...

35/3,K/15   (Item 15 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00547592 91-21937
Developing Concert for Open, Integrated Network Management
Willetts, Keith
Telecommunications (International Edition) v25n3 PP: 73-81 Mar 1991
JRNL CODE: TIE
WORD COUNT: 2733

...TEXT: into new systems and services, providers are able to react swiftly
to technical developments and changes in **customer** requirements. By
defining **standard** **techniques** and **specifications** to be used company
wide, organizations such as BT can optlmize the value of their investment
in...

35/3,K/17   (Item 17 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00416222 88-33055
The POSTGRES Rule Manager
Stonebraker, Michael; Hanson, Eric N.; Potamianos, Spyros
IEEE Transactions on Software Engineering v14n7 PP: 897-907 Jul 1988
ISSN: 0098-5589 JRNL CODE: ISO

...ABSTRACT: the POSTGRES database management system (DBMS). The rule
system is novel in several ways. First, it gives **users** the capability of
defining rules as well as data to a DBMS. Second, depending on the scope
of each rule defined...

... In addition, rules provide either a forward chaining control flow or a
backward chaining one, and the **system** will **select** the control mechanism
that optimizes performance wherever possible. Furthermore, priority rules
can be defined, thereby permitting a **user** to **specify** **rule** **systems**
that have conflicts. Finally, the rule system can provide database
services, such as views, protection, integrity constraints...

35/3,K/22   (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2003 CMP Media, LLC. All rts. reserv.

01068979   CMP ACCESSION NUMBER: CRN19951113S0078
**C/S SOLUTION ADVISOR SOFTWARE TOOL WORKS WITHIN A NETWORK - Interpose
    Helps Vars Cost-Justify** (Weekly Briefs)
MONICA YOUNG
COMPUTER RESELLER NEWS, 1995, n 658, PG105
PUBLICATION DATE: 951113
JOURNAL CODE: CRN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Enterprise Networking
WORD COUNT: 370

...   quickly assess customers' requirements and come up with
appropriate solutions on-site.
        Product Expert employs network discovery **techniques** to **determine**
the hardware, software and capacity on a client/server network. The
software uses this data, along with cost, growth and additional **criteria**
 input by the **user** , and applies it to market metrics to produce
cost-of-ownership reports.
        C/S Solution Advisor will...

 35/3,K/25   (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01549798   SUPPLIER NUMBER: 13070445   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**X/Open: Unix System Laboratories joins as full technical member. (X/Open
    Company Ltd.)**
EDGE, on & about AT&T, v7, n229, p22(1)
Dec 11, 1992
LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 469   LINE COUNT: 00040

...   in 1984, is a worldwide, independent, open systems organization
dedicated to providing a unified path to open **systems**   **specification** and
implementation. This unification is achieved through the close cooperation
and integration of **input**   from **users** , vendors and **standards**
organizations worldwide.

 35/3,K/30   (Item 8 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01256154   SUPPLIER NUMBER: 06595900   (USE FORMAT 7 OR 9 FOR FULL TEXT)
OS-2's dynamic link.
DeWolf, Mary; Mirecki, Ted
PC Tech Journal, v6, n9, p100(9)
Sept, 1988
ISSN: 0738-0194   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4266   LINE COUNT: 00327

...   over the linking process. The name of the library can be
constructed dynamically on the basis of **user**   **input** or a **test** of the
hardware configuration. If a particular library is not available, the
program can attempt some recovery...

...dynamic link in the same way for linking at both load time or runtime.
First, the operating **system**   **determines** if the required library is
already loaded because of a previous invocation. If not, it

`35/3,K/31`   (Item 9 from file: 275)

01212842   SUPPLIER NUMBER: 05158823   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Clipper. (Software Review) (dBASE compilers) (evaluation)
Hart, Glenn
PC Magazine, v6, n13, p332(3)
July 21, 1987
DOCUMENT TYPE: evaluation   ISSN: 0888-8507   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1050   LINE COUNT: 00086

...   image without redrawing code.
     You can add Clipper's VALID clause to GET input statements. The
program **tests   user   input** against an **expression** you **specify** and
rejects input that doesn't satisfy your expression, saving you from having
to do tedious loop...

`35/3,K/32`   (Item 10 from file: 275)

01210702   SUPPLIER NUMBER: 05245413   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**IBM begins shipping SAA: SAA spec gives developers first look at IBM's plan
  for unified applications. (Related article: Apple reacts with DEC
  alliance.)**
Bellamah, Pat
PC Week, v4, n42, p1(2)
Oct 20, 1987
ISSN: 0740-1604   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 747   LINE COUNT: 00061

...ABSTRACT: Systems Application Architecture (SAA). This is the first
chance for developers to see the programming specifications and **decide**
whether cross- **systems** compatibility is useful to them. The first volume
will include the language reference manuals. SAA is IBM...

...hardware systems: the 370 mainframe; System-3X midrange computers; and
its new PS-2 microcomputers. A common **user** interface, **standardized**
programming languages, and specified communications protocols between
applications and systems are SAA aims. The release of the SAA...

`35/3,K/33`   (Item 11 from file: 275)

01070109   SUPPLIER NUMBER: 00598366
Going Against the Tide.
Fain, D.
Computer Graphics World, v7, n6, p79-80
June, 1984
ISSN: 0271-4159   LANGUAGE: ENGLISH   RECORD TYPE: ABSTRACT

ABSTRACT: There is debate as to whether artificial vision is more
appropriate for general-purpose systems or dedicated **systems** to solve
specific industry problems. General-purpose systems cost less, $17,000 to
$80,000, compared with dedicated systems which range from $125,000 to
$250,000. However, general-purpose systems require more **programming** and
testing . Also, **users** relate more easily to general-purpose **systems** .
Examples of **specific** applications of artificial vision are included.

`35/3,K/38`   (Item 5 from file: 636)

02509268   Supplier Number: 45044564   (USE FORMAT 7 FOR FULLTEXT)
DIGITAL TARGET INTERNET AS KEY AREA AND LAUNCH VIRTUAL STORE-FRONT
Internet Business News, pN/A
Oct 5, 1994
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 217

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...The four initial areas are the Internet, interactive multimedia, mobile
computing and agent technology. "Agents are software **programs** that help
users sift through the deluge of information on networks," said William
Strecker, chief technical officer in an interview...

...consulting and software fixes. A year ago, Digital announced their Alpha
AXP Internet program that enables Internet **users** to **test** drive Alpha
AXP systems for free, evaluating the Alpha AXP architecture using their own
applications. Users can **select** **systems** running either the DEC OSF/1 or
OpenVMS operating systems, with configurations ranging from workstations to
servers...

 35/3,K/44   (Item 3 from file: 813)
DIALOG(R)File 813:PR Newswire

0687639   NY007
**X OPEN ACCEPTS FEDERATED NAMING SPECIFICATION; SPECIFICATION TO ENABLE
     INTEROPERABILITY AMONG DIFFERENT DISTRIBUTED COMPUTING ENVIRONMENTS**

DATE: March 23, 1994   14:02 EST   WORD COUNT: 511

...in 1984, is a worldwide, independent, open systems
organization dedicated to providing a unified path to open **systems**
specification and implementation. This unification is achieved through
the close cooperation and integration of **input** from **users** , vendors, and
standards organizations worldwide. The X/Open specification, which
covers both interoperability and applications portability elements, is
based on...

 35/3,K/45   (Item 4 from file: 813)
DIALOG(R)File 813:PR Newswire

0687638   NY006
X OPEN ANNOUNCES NEW HUMAN-COMPUTER INTERACTION INITIATIVE

DATE: March 23, 1994   14:01 EST   WORD COUNT: 840

...in 1984, is a worldwide, independent, open systems
organization dedicated to providing a unified path to open **systems**
specification and implementation. This unification is achieved through
the close cooperation and integration of **input** from **users** , vendors and
standards organizations worldwide. The X/Open specification, which
covers both interoperability and applications portability elements, is
based on...

 35/3,K/46   (Item 5 from file: 813)
DIALOG(R)File 813:PR Newswire

0687637   NY005

X OPEN RELEASES SNAPSHOT VERSION OF THE UNIFIED UNIX SPECIFICATION; 1170
   SPECIFICATION TO BEGIN 'FAST TRACK' REVIEW PROCESS

DATE: March 23, 1994   14:00 EST   WORD COUNT: 933

...in 1984, is a worldwide, independent, open systems
organization dedicated to providing a unified path to open **systems**
specification and implementation. This unification is achieved through
the close cooperation and integration of **input** from **users** , vendors and
standards organizations worldwide. The X/Open specification, which
covers both interoperability and applications portability elements, is
based on...

 35/3,K/47   (Item 6 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0685263   SJ003
X OPEN TO ANNOUNCE DETAILS ABOUT SPEC 1170 DEVELOPMENT AND ITS DESKTOP
   INTEGRATION INITIATIVE

DATE: March 16, 1994   07:55 EST   WORD COUNT: 194

...in 1984, is a worldwide, independent open systems
organization dedicated to providing a unified path to open **systems**
specification and implementation. This unification is achieved through
the close cooperation and integration of **input** from **users** , vendors and
standards organizationS worldwide. The X/Open specification, which
covers both interoperability and applications portability elements, is
based on...

 35/3,K/48   (Item 7 from file: 813)
DIALOG(R)File 813:PR Newswire
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0576470   NY012
X OPEN TO ENHANCE XPG WITH COSE SPECIFICATIONS OFFERING A COHERENT DESKTOP
   ENVIRONMENT TO FULFILL USER DEMAND

DATE: March 17, 1993   07:31 EST   WORD COUNT: 487

...in 1984, is a worldwide, independent, open systems
organization dedicated to providing a unified path to open **systems**
specification and implementation. This unification is achieved through
the close cooperation and integration of **input** from **users** , vendors and
standards organizations worldwide. The X/Open specification, which
covers both interoperability and applications portability elements, is
based on...

 35/3,K/51   (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04379373   Supplier Number: 46423148   (USE FORMAT 7 FOR FULLTEXT)
Microsoft Visual C++ now Competes with Delphi Client/Server Suite and
  PowerBuilder
News Release, pN/A
May 31, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1551

  (USE FORMAT 7 FOR FULLTEXT)
TEXT:

...for developers who want to rapidly develop robust, scaleable high-performance C++ Client/Server applications. "We have **tested** several **client** /server development tools but none of them were as powerful as the new Visual SQL... ", said Orton...

...to visually and quickly create Client/Server applications. The Visual SQL Tools provide easy definition of queries, **SQL statements** , tables, **pick** lists, custom screens, and more, as well as instant access to all database objects from a central...
...Wizard and the SQL Editor. The Query Builder allows developers to visually create complex SQL queries without **programming** . **Users** simply point-and-click to select the tables and columns to be displayed in the query, set...

...resources included in a specific Client/Server application. Programmers can instantly access database-related dialog boxes, queries, **SQL statements** , properties, **pick** lists, SQL source code, and more. This is a real time-saver particularly when the database has...

35/3,K/52   (Item 4 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

04342782   Supplier Number: 46368949   (USE FORMAT 7 FOR FULLTEXT)
DataViews Corporation Announces DV-Centro 1.2, the First Tool for
  Developing Visual Programming Languages Under Windows NT
News Release, pN/A
May 7, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 877

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...juxtaposing and interacting with these shapes, users actually affect underlying data structures through their graphic representations. VPL **programs** allow **users** to graphically display and update information from databases, generate tested code directly from graphical flow diagrams, and ...

...and data in VPL applications. This framework decreases the amount of code that has to be programmed, **tested** , and debugged, allowing **users** to achieve high levels of both code and design muse. DV-Centro also includes a set of...
...rotation, scaling, etc.). Geometry-independent graphical constraint management that controls and maintains relationships between graphical objects. Application- **specific rules** defining graphical behavior, which prevent invalid linkages, thereby reducing errors. Developers using DV-Centro 1.1 for...

35/3,K/53   (Item 5 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

04312235   Supplier Number: 46320973   (USE FORMAT 7 FOR FULLTEXT)
SAM 4.0 provides power, simplicity, and automatic on-line updates
InfoWorld, p113
April 22, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 525

...   resource and data definitions for new viruses that surface. Now all that can be handled automatically with **no intervention** from the **user** . But it also means that apart from choosing when to connect for updates or

scheduling updates to happen automatically at daily, weekly, or monthly
intervals , you basically never have to think about updating your virus
database again.
        Anyone who has had to...

 35/3,K/56   (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04043537   Supplier Number: 45880765   (USE FORMAT 7 FOR FULLTEXT)
Cyborg Systems powers up The Solution Series/ST with Windows 95 support!;
   Cyborg's flexible client/server HRMS immediately takes advantage of the
   new capabilities now available in Windows 95.
Business Wire, p10241138
Oct 24, 1995
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 481

...   product had no difficulty running on this new operating system,"
said Skibski. "Cyborg has stayed with Windows **programming   standards** so
our **customers** can continue to have the freedom to **choose** what operating
 system they want to use on the client side, without the concern of
whether or not The Solution...

 35/3,K/60   (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

02270879
SESSION MANAGER FEATURES SINGLE SYSTEM IMAGE, CONTROLLABLE USER ACCESS
News Release   April 17, 1989   p. 1

     ... added or modified online without disrupting the efficiency and
uptime of the system. The new version provides **rules** -based **user**
definitions which simplifies administrative tasks and preserves security.
The administrator only needs to define a **rule** and **specify** it to a group
of **users** rather than explicitly **defining** it to each individual user.
This reduces the initial input and overall maintenance of the system.
...

 35/3,K/65   (Item 6 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01480117
Computing Capabilities Corporation has announced the availability of
    Release 5 of MAESTRO, a job scheduling and operations management
    package for HP 3000 comput.
NEWS RELEASE   August 4, 1986   p. 11

     ... several major enhancements provided with this release allow MAESTRO
to capture and control all jobs submitted by **users** or application
 programs , integrating them with scheduled production in a controlled
multiprogramming environment. Other enhancements allow computer operators
to display...

... MAESTRO is a software package which automatically schedules and manages
job processing according to calendars and operating **rules   specified** by
the **user** . MAESTRO is available for all models of HP 3000 computers and
offers an option to integrate batch...

Kimi Vu
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Today's Date: 12-10-03

What date would you like to use to limit the search?

Priority Date: 12|15|98   Other:

Name: Anh Ly

AU 2172   Examiner # 77831

Room # 9A30   Phone 306-4527

Serial # 09/345,448

Format for Search Results (Circle One):

(PAPER)   DISK   EMAIL

Where have you searched so far?

USP   DWPI   EPO   JPO   ACM   IBM TDB

IEEE   INSPEC   SPI   Other _____

Is this a "Fast & Focused" Search Request? (Circle One) (YES)   NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at http://ptoweb/patents/stic/stic-tc2100.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

* a selection formula, wherein the selection formula is programmed by the user

* a selection formula including search criteria identifying (as shown in fig 1) information to be searched for and presented to the user at various intervals without additional user intervention

STIC Searcher: Terese Esterhell   Phone 308-7795

Date picked up 12/11/03   4:15pm   Date Completed 12/12/03   12:30pm